

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
SEPTEMBER, 1989

50500-1  
~~50500-1~~  
8/14/89

| APACHE COUNTY<br>DINEH BI KEYAH<br>(HERMOSA) |    | MONTHLY PRODUCTION |       |     |      | YEAR TO DATE |        |        | ALL TIME CUMULATIVE |           |         |
|----------------------------------------------|----|--------------------|-------|-----|------|--------------|--------|--------|---------------------|-----------|---------|
| Kerr-McGee Corp.                             |    | OIL                | WATER | GAS |      | OIL          | WATER  | GAS    | OIL                 | WATER     | GAS     |
|                                              |    | BBLs               | BBLs  | MCF | DISP | BBLs         | BBLs   | MCF    | BBLs                | BBLs      | MCF     |
| 1 Navajo (377)                               | 30 | 256                | 0     | 134 | 1    | 2,544        | 85     | 2,130  | 1,096,752           | 32,831    | 118,705 |
| 02-001-2001*                                 |    |                    |       | 85  | 2    |              |        |        |                     |           |         |
| 3X Navajo (386)                              | 30 | 355                | 0     | 504 | 1    | 3,150        | 383    | 13,668 | 1,873,046           | 263,865   | 597,146 |
| 02-001-20011                                 |    |                    |       | 324 | 2    |              |        |        |                     |           |         |
| 4 Navajo (384)                               | 30 | 3,590              | 8,960 | 31  | 1    | 33,595       | 82,403 | 1,428  | 3,358,054           | 1,733,655 | 100,824 |
| 02-001-20009                                 |    |                    |       | 19  | 2    |              |        |        |                     |           |         |
| 6 Navajo (390)                               | 30 | 231                | 0     | 18  | 1    | 2,023        | 0      | 724    | 271,922             | 12,448    | 84,271  |
| 02-001-20014                                 |    |                    |       | 11  | 2    |              |        |        |                     |           |         |
| 9 Navajo (396)                               |    | 0                  | 0     | 0   |      | 0            | 0      | 0      | 1,656,074           | 554,845   | 259,211 |
| 02-001-20020                                 |    |                    |       |     |      |              |        |        |                     |           |         |
| 11 Navajo (506)                              | 30 | 504                | 0     | 421 | 2    | 3,483        | 0      | 23,553 | 926,721             | 81,446    | 606,655 |
| 02-001-20106                                 |    |                    |       |     |      |              |        |        |                     |           |         |
| 14 Navajo (416)                              | 30 | 62                 | 0     | 81  | 1    | 1,261        | 0      | 1,007  | 304,069             | 21,041    | 143,497 |
| 02-001-20040                                 |    |                    |       | 52  | 2    |              |        |        |                     |           |         |
| 15 Navajo (417)                              |    | 0                  | 0     | 0   |      | 0            | 0      | 0      | 114,809             | 15,449    | 37,903  |
| 02-001-20041                                 |    |                    |       |     |      |              |        |        |                     |           |         |
| 16 Navajo (419)                              |    | 0                  | 0     | 0   |      | 0            | 0      | 0      | 96,442              | 34,583    | 16,680  |
| 02-001-20143                                 |    |                    |       |     |      |              |        |        |                     |           |         |
| 17 Navajo (618)                              |    | 0                  | 0     | 0   |      | 0            | 0      | 0      | 55,565              | 8,931     | 41,056  |
| 02-001-20190                                 |    |                    |       |     |      |              |        |        |                     |           |         |
| 18 Navajo (690)                              |    | 0                  | 0     | 0   |      | 0            | 0      | 0      | 83,830              | 320,374   | 16,492  |
| 02-001-20239                                 |    |                    |       |     |      |              |        |        |                     |           |         |
| 19 Navajo (691)                              | 30 | 428                | 0     | 565 | 2    | 5,623        | 11     | 15,995 | 296,037             | 11,443    | 217,618 |
| 02-001-20240                                 |    |                    |       |     |      |              |        |        |                     |           |         |
| 20 Navajo (696)                              | 30 | 225                | 0     | 17  | 1    | 2,596        | 0      | 4,052  | 174,708             | 4,074     | 79,135  |
| 02-001-20245                                 |    |                    |       | 11  | 2    |              |        |        |                     |           |         |

See Page 4 for Legend.

Page 2. September, 1989

DINEH BI KEYAH (Cont'd)

| Kerr McGee Corp.                   | DAYS | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF    DISP |        | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF |
|------------------------------------|------|-------------|---------------|--------------------|--------|-------------|---------------|------------|-------------|---------------|------------|
| 21 Navajo (693)<br>02-001-20242    | 30   | 240         | 0             | 62<br>40           | 1<br>2 | 2,513       | 194           | 1,386      | 46,902      | 26,816        | 25,088     |
| 22 Navajo (692)<br>02-001-20241    | 30   | 91          | 0             | 84<br>53           | 1<br>2 | 1,195       | 0             | 1,696      | 42,649      | 4,153         | 27,508     |
| 24 Navajo (695)<br>02-001-20244    |      | 0           | 0             | 0                  |        | 0           | 0             | 0          | 97,509      | 364,648       | 49,699     |
| 25 Navajo (719)<br>02-001-20249    | 30   | 160         | 0             | 213<br>136         | 1<br>2 | 1,835       | 176           | 4,310      | 59,509      | 3,842         | 45,902     |
| 26 Navajo (720)<br>02-001-20250    |      | 0           | 0             | 0                  |        | 0           | 0             | 0          | 8,010       | 3,847         | 10,751     |
| 27 Navajo (721)<br>02-001-20251    | 30   | 136         | 0             | 103<br>66          | 1<br>2 | 1,728       | 109           | 4,162      | 70,272      | 665           | 44,705     |
| IX Navajo-B (445)<br>02-001--20068 | 30   | 766         | 0             | 160<br>102         | 1<br>2 | 6,394       | 98            | 2,159      | 1,812,039   | 49,241        | 206,522    |
| 1 Navajo-C (484)<br>02-001-20092   | 30   | 30          | 0             | TSTM               |        | 155         | 0             | TSTM       | 6,094       | 2,092         | 1,174      |
| 2 Navajo-88 (431)<br>02-001-20055  | 30   | 584         | 208           | 133<br>85          | 1<br>2 | 6,177       | 2,165         | 1,673      | 800,726     | 265,699       | 128,964    |
| 3 Navajo-88 (443)<br>02-001-20066  |      | 0           | 0             | 0                  |        | 0           | 0             | 0          | 177,217     | 58,629        | 182,629    |
| 6 Navajo-88 (722)<br>02-001-20252  | 30   | 30          | 0             | 18<br>12           | 1<br>2 | 702         | 0             | 21,709     | 40,850      | 728           | 259,671    |
| 1 Navajo-138 (388)<br>02-001-20012 | 30   | 568         | 0             | 631<br>403         | 1<br>2 | 4,862       | 1,012         | 14,089     | 1,084,152   | 63,386        | 583,561    |
| 3 Navajo-138 (723)<br>02-001-20252 | 30   | 298         | 0             | 258<br>165         | 1<br>2 | 2,822       | 0             | 7,138      | 83,828      | 5,147         | 79,040     |
| Operator & Field Total             |      | 8,554       | 9,168         | 4,997              |        | 82,658      | 86,636        | 120,879    | 14,637,786  | 3,943,878     | 3,964,407  |
| Total of Wells Not Now Producing   |      |             |               |                    |        |             |               |            | 2,717,831   | 775,899       | 420,317    |
| TOTAL                              |      |             |               |                    |        |             |               |            | 17,355,617  | 4,719,777     | 4,384,724  |

|                                   |      | MONTHLY PRODUCTION |       |     |      | YEAR TO DATE |        |     | ALL TIME CUMULATIVE |           |           |
|-----------------------------------|------|--------------------|-------|-----|------|--------------|--------|-----|---------------------|-----------|-----------|
| DRY MESA (MISSISSIPPIAN)          |      | OIL                | WATER | GAS |      | OIL          | WATER  | GAS | OIL                 | WATER     | GAS       |
|                                   | DAYS | BBLs               | BBLs  | MCF | DISP | BBLs         | BBLs   | MCF | BBLs                | BBLs      | MCF       |
| BHP Petroleum Co., Inc.           |      |                    |       |     |      |              |        |     |                     |           |           |
| 1 Navajo-138 (77)                 |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 239,961             | 1,077,818 | 27,499    |
| *None                             |      |                    |       |     |      |              |        |     |                     |           |           |
| 2 Navajo-138 (106)                |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 7,566               | 65,124    | 83,825    |
| *None                             |      |                    |       |     |      |              |        |     |                     |           |           |
| 3 Navajo-138 (115)                | 21   | 547                | 1,960 | 0   |      | 3,624        | 13,705 | 0   | 452,425             | 399,478   | 46,519    |
| *None                             |      |                    |       |     |      |              |        |     |                     |           |           |
| 6 Navajo-138 (852)                | 20   | 1,973              | 7,980 | 0   |      | 11,455       | 27,287 | 0   | 46,598              | 106,531   | 3,549     |
| 02-001-20283                      |      |                    |       |     |      |              |        |     |                     |           |           |
| Operator & Field Total            |      | 2,520              | 9,940 | 0   |      | 15,079       | 40,992 | 0   | 746,550             | 1,648,951 | 161,392   |
| TEEC NOS POS (ISMAY/DESERT CREEK) |      |                    |       |     |      |              |        |     |                     |           |           |
| BHP Petroleum (Americas), Inc.    |      |                    |       |     |      |              |        |     |                     |           |           |
| 1 Navajo-O (232)                  | 2    | 1                  | 150   | 0   |      | 13           | 1,248  | 0   | 197,012             | 15,891    | 1,105,920 |
| *None                             |      |                    |       |     |      |              |        |     |                     |           |           |
| 3 Navajo-O (640)                  |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 141,691             | 27,035    | 149,840   |
| 02-001-20207                      |      |                    |       |     |      |              |        |     |                     |           |           |
| 4 Navajo-O (663)                  |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 105,064             | 128,402   | 82,735    |
| 02-001-20219                      |      |                    |       |     |      |              |        |     |                     |           |           |
| 5 Navajo-O (678)                  |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 29,212              | 35,218    | 72,305    |
| 02-001-20228                      |      |                    |       |     |      |              |        |     |                     |           |           |
| Operator Total                    |      | 1                  | 150   | 0   |      | 13           | 1,248  | 0   | 472,979             | 206,546   | 1,410,800 |
| Mountain States Resources         |      |                    |       |     |      |              |        |     |                     |           |           |
| 12 Navajo-O (801)                 |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 7,895               | 45,933    | 1,920     |
| 02-001-20258                      |      |                    |       |     |      |              |        |     |                     |           |           |
| 16 Navajo (834)                   |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 57                  | 1,175     | 0         |
| 02-001-20258                      |      |                    |       |     |      |              |        |     |                     |           |           |
| Field Total                       |      | 1                  | 150   | 0   |      | 13           | 1,248  | 0   | 480,931             | 253,654   | 1,412,720 |
| Total of Wells Not Now Producing  |      |                    |       |     |      |              |        |     | 5,398               | 110,276   | 17,699    |
| TOTAL                             |      |                    |       |     |      |              |        |     | 486,329             | 363,930   | 1,430,419 |

## EAST BOUNDARY BUTTE (PARADOX)

|                                                  |      | MONTHLY PRODUCTION |               |                    |   | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|--------------------------------------------------|------|--------------------|---------------|--------------------|---|--------------|---------------|------------|---------------------|---------------|------------|
| Merrion Oil & Gas                                | DAYS | OIL<br>BBLS        | WATER<br>BBLS | GAS<br>MCF    DISP |   | OIL<br>BBLS  | WATER<br>BBLS | GAS<br>MCF | OIL<br>BBLS         | WATER<br>BBLS | GAS<br>MCF |
| 1 Navajo (28)<br>* None                          | 16   | 39                 | 4,546         | 80                 | 2 | 2,661        | 63,389        | 1,858      | 130,516             | 558,330       | 1,924,778  |
| 2 Navajo (22)<br>* None                          | 16   | 2                  | 10            | 32                 | 2 | 507          | 557           | 7,189      | 14,893              | 7,342         | 1,739,547  |
| Operator and Field Total                         |      | 41                 | 4,556         | 112                |   | 3,168        | 63,946        | 9,047      | 145,409             | 565,672       | 3,664,325  |
| Total of Wells Not Now Producing                 |      |                    |               |                    |   |              |               |            | 716,200             | 4,293,512     | 5,908,668  |
| TOTAL                                            |      |                    |               |                    |   |              |               |            | 861,609             | 4,859,184     | 9,572,993  |
| BLACK ROCK (ISMAY/AKAH)<br>Chuska Energy Company |      |                    |               |                    |   |              |               |            |                     |               |            |
| 1 Black Rock (559)<br>02-001-20145               |      | 0                  | 0             | 0                  |   | 59           | 68            | 17,824     | 59                  | 68            | 17,824     |
| 2 Black Rock (615)<br>02-001-20188               | 30   | 213                | 19,456        | 71,148             | 3 | 1,148        | 78,589        | 623,535    | 1,148               | 78,589        | 623,535    |
| Operator and Field Total                         |      | 213                | 19,456        | 71,148             |   | 1,207        | 78,657        | 641,359    | 1,207               | 78,657        | 641,359    |
| WELLS NOT NOW PRODUCING                          |      |                    |               |                    |   |              |               |            | 132,494             | 234,293       | 3,545,511  |
| GRAND TOTALS                                     |      |                    |               |                    |   |              |               |            |                     |               |            |
|                                                  |      | 11,329             | 43,270        | 76,257             |   | 102,125      | 271,479       | 771,285    | 19,583,806          | 11,904,792    | 19,736,398 |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

## Gas Distribution Symbols in this Report:

- 1 - Flared/Vented      3 - Sold  
2 - Used on Lease      4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses

\* - API Well Number

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
OCTOBER, 1989

S0500-1  
12/7/89

| APACHE COUNTY<br>DINEH BI KEYAH<br>(HERMOSA) |      | MONTHLY PRODUCTION |               |            |        | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|----------------------------------------------|------|--------------------|---------------|------------|--------|--------------|---------------|------------|---------------------|---------------|------------|
| Kerr-McGee Corp.                             | DAYS | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP   | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (377)<br>02-001-2001*               | 31   | 266                | 0             | 102<br>126 | 1<br>2 | 2,810        | 85            | 2,358      | 1,097,018           | 32,831        | 118,933    |
| 3X Navajo (386)<br>02-001-20011              | 26   | 183                | 25            | 327<br>405 | 1<br>2 | 3,333        | 408           | 14,400     | 1,873,229           | 263,890       | 597,878    |
| 4 Navajo (384)<br>02-001-20009               | 31   | 3,478              | 8,877         | 24<br>29   | 1<br>2 | 37,073       | 91,280        | 1,481      | 3,361,532           | 1,742,532     | 100,877    |
| 6 Navajo (390)<br>02-001-20014               | 28   | 174                | 0             | 13<br>16   | 1<br>2 | 2,197        | 0             | 753        | 272,096             | 12,448        | 84,300     |
| 9 Navajo (396)<br>02-001-20020               |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 1,656,074           | 554,845       | 259,211    |
| 11 Navajo (506)<br>02-001-20106              | 31   | 304                | 0             | 431        | 2      | 3,787        | 0             | 23,984     | 927,025             | 81,446        | 607,086    |
| 14 Navajo (416)<br>02-001-20040              | 28   | 43                 | 0             | 41<br>51   | 1<br>2 | 1,304        | 0             | 1,099      | 304,112             | 21,041        | 143,589    |
| 15 Navajo (417)<br>02-001-20041              |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 114,809             | 15,449        | 37,903     |
| 16 Navajo (419)<br>02-001-20143              |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 96,442              | 34,583        | 16,680     |
| 17 Navajo (618)<br>02-001-20190              |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 55,565              | 8,931         | 41,056     |
| 18 Navajo (690)<br>02-001-20239              |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 83,830              | 320,374       | 16,492     |
| 19 Navajo (691)<br>02-001-20240              | 28   | 419                | 0             | 517        | 2      | 6,042        | 11            | 16,512     | 296,456             | 11,443        | 218,135    |
| 20 Navajo (696)<br>02-001-20245              | 28   | 198                | 0             | 13<br>15   | 1<br>2 | 2,794        | 0             | 4,080      | 174,906             | 4,074         | 79,163     |

See Page 4 for Legend.

Page 2. October, 1989

DINEH BI KEYAH (Cont'd)

| Kerr McGee Corp.                   | DAYS | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF | DISP   | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF |
|------------------------------------|------|-------------|---------------|------------|--------|-------------|---------------|------------|-------------|---------------|------------|
| 21 Navajo (693)<br>02-001-20242    | 31   | 275         | 0             | 47<br>57   | 1<br>2 | 2,788       | 194           | 1,490      | 47,177      | 26,816        | 25,192     |
| 22 Navajo (692)<br>02-001-20241    | 31   | 83          | 0             | 56<br>69   | 1<br>2 | 1,278       | 0             | 1,821      | 42,732      | 4,153         | 27,633     |
| 24 Navajo (695)<br>02-001-20244    |      | 0           | 0             | 0          |        | 0           | 0             | 0          | 97,509      | 364,648       | 49,699     |
| 25 Navajo (719)<br>02-001-20249    | 28   | 175         | 0             | 142<br>176 | 1<br>2 | 2,010       | 176           | 4,628      | 59,684      | 3,842         | 46,220     |
| 26 Navajo (720)<br>02-001-20250    |      | 0           | 0             | 0          |        | 0           | 0             | 0          | 8,010       | 3,847         | 10,751     |
| 27 Navajo (721)<br>02-001-20251    | 28   | 187         | 0             | 74<br>92   | 1<br>2 | 1,915       | 109           | 4,328      | 70,459      | 665           | 44,871     |
| IX Navajo-B (445)<br>02-001--20068 | 31   | 741         | 0             | 123<br>152 | 1<br>2 | 7,135       | 98            | 2,434      | 1,812,780   | 49,241        | 206,797    |
| 1 Navajo-C (484)<br>02-001-20092   | 31   | 31          | 0             | TSTM       |        | 186         | 0             | TSTM       | 6,125       | 2,092         | 1,174      |
| 2 Navajo-88 (431)<br>02-001-20055  | 31   | 509         | 200           | 101<br>125 | 1<br>2 | 6,686       | 2,365         | 1,899      | 801,235     | 265,899       | 129,190    |
| 3 Navajo-88 (443)<br>02-001-20066  |      | 0           | 0             | 0          |        | 0           | 0             | 0          | 177,217     | 58,629        | 182,629    |
| 6 Navajo-88 (722)<br>02-001-20252  | 31   | 30          | 0             | 13<br>17   | 1<br>2 | 732         | 0             | 21,739     | 40,880      | 728           | 259,701    |
| 1 Navajo-138 (388)<br>02-001-20012 | 31   | 536         | 0             | 488<br>603 | 1<br>2 | 5,398       | 1,012         | 15,180     | 1,084,688   | 63,386        | 584,652    |
| 3 Navajo-138 (723)<br>02-001-20252 | 31   | 279         | 0             | 177<br>219 | 1<br>2 | 3,101       | 0             | 7,534      | 84,107      | 5,147         | 79,436     |
| Operator & Field Total             |      | 7,911       | 9,102         | 4,841      |        | 90,569      | 95,738        | 125,720    | 14,645,697  | 3,952,980     | 3,969,248  |
| Total of Wells Not Now Producing   |      |             |               |            |        |             |               |            | 2,717,831   | 775,899       | 420,317    |
| TOTAL                              |      |             |               |            |        |             |               |            | 17,363,528  | 4,728,879     | 4,389,565  |

Page 3. October, 1989

|                                   |      | MONTHLY PRODUCTION |        |     |      | YEAR TO DATE |        |     | ALL TIME CUMULATIVE |           |           |
|-----------------------------------|------|--------------------|--------|-----|------|--------------|--------|-----|---------------------|-----------|-----------|
| DRY MESA (MISSISSIPPIAN)          |      | OIL                | WATER  | GAS |      | OIL          | WATER  | GAS | OIL                 | WATER     | GAS       |
|                                   | DAYS | BBLS               | BBLS   | MCF | DISP | BBLS         | BBLS   | MCF | BBLS                | BBLS      | MCF       |
| BHP Petroleum Co., Inc.           |      |                    |        |     |      |              |        |     |                     |           |           |
| 1 Navajo-138 (77)                 |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 239,961             | 1,077,818 | 27,499    |
| *None                             |      |                    |        |     |      |              |        |     |                     |           |           |
| 2 Navajo-138 (106)                |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 7,566               | 65,124    | 83,825    |
| *None                             |      |                    |        |     |      |              |        |     |                     |           |           |
| 3 Navajo-138 (115)                | 31   | 788                | 2,430  | 0   |      | 4,412        | 16,135 | 0   | 453,213             | 401,908   | 46,519    |
| *None                             |      |                    |        |     |      |              |        |     |                     |           |           |
| 6 Navajo-138 (852)                | 30   | 3,189              | 12,420 | 0   |      | 14,644       | 39,707 | 0   | 49,787              | 118,951   | 3,549     |
| 02-001-20283                      |      |                    |        |     |      |              |        |     |                     |           |           |
| Operator & Field Total            |      | 3,977              | 14,850 | 0   |      | 19,056       | 55,842 | 0   | 750,527             | 1,663,801 | 161,392   |
| TEEC NOS POS (ISMAY/DESERT CREEK) |      |                    |        |     |      |              |        |     |                     |           |           |
| BHP Petroleum (Americas), Inc.    |      |                    |        |     |      |              |        |     |                     |           |           |
| 1 Navajo-O (232)                  |      | 0                  | 0      | 0   |      | 13           | 1,248  | 0   | 197,012             | 15,891    | 1,105,920 |
| *None                             |      |                    |        |     |      |              |        |     |                     |           |           |
| 3 Navajo-O (640)                  |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 141,691             | 27,035    | 149,840   |
| 02-001-20207                      |      |                    |        |     |      |              |        |     |                     |           |           |
| 4 Navajo-O (663)                  |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 105,064             | 128,402   | 82,735    |
| 02-001-20219                      |      |                    |        |     |      |              |        |     |                     |           |           |
| 5 Navajo-O (678)                  |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 29,212              | 35,218    | 72,305    |
| 02-001-20228                      |      |                    |        |     |      |              |        |     |                     |           |           |
| Operator Total                    |      | 0                  | 0      | 0   |      | 13           | 1,248  | 0   | 472,979             | 206,546   | 1,410,800 |
| Mountain States Resources         |      |                    |        |     |      |              |        |     |                     |           |           |
| 12 Navajo-O (801)                 |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 7,895               | 45,933    | 1,920     |
| 02-001-20258                      |      |                    |        |     |      |              |        |     |                     |           |           |
| 16 Navajo (834)                   |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 57                  | 1,175     | 0         |
| 02-001-20258                      |      |                    |        |     |      |              |        |     |                     |           |           |
| Field Total                       |      | 0                  | 0      | 0   |      | 13           | 1,248  | 0   | 480,931             | 253,654   | 1,412,720 |
| Total of Wells Not Now Producing  |      |                    |        |     |      |              |        |     | 5,398               | 110,276   | 17,699    |
| TOTAL                             |      |                    |        |     |      |              |        |     | 486,329             | 363,930   | 1,430,419 |

## EAST BOUNDARY BUTTE (PARADOX)

|                                                  |    | MONTHLY PRODUCTION |             |               |                    | YEAR TO DATE |             |               | ALL TIME CUMULATIVE |             |               |
|--------------------------------------------------|----|--------------------|-------------|---------------|--------------------|--------------|-------------|---------------|---------------------|-------------|---------------|
|                                                  |    | DAYS               | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF    DISP |              | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF          | OIL<br>BBLs | WATER<br>BBLs |
| Merrion Oil & Gas                                |    |                    |             |               |                    |              |             |               |                     |             |               |
| 1 Navajo (28)<br>* None                          | 25 | 281                | 9,732       | 125           | 2                  | 2,942        | 73,121      | 1,983         | 130,797             | 568,062     | 1,924,903     |
| 2 Navajo (22)<br>* None                          | 9  | 58                 | 74          | 18            | 2                  | 565          | 631         | 7,207         | 14,951              | 7,416       | 1,739,565     |
| Operator and Field Total                         |    | 339                | 9,806       | 143           |                    | 3,507        | 73,752      | 9,190         | 145,748             | 575,478     | 3,664,468     |
| Total of Wells Not Now<br>Producing              |    |                    |             |               |                    |              |             |               | 716,200             | 4,293,512   | 5,908,668     |
| TOTAL                                            |    |                    |             |               |                    |              |             |               | 861,948             | 4,868,990   | 9,573,136     |
| BLACK ROCK (ISMAY/AKAH)<br>Chuska Energy Company |    |                    |             |               |                    |              |             |               |                     |             |               |
| 1 Black Rock (559)<br>02-001-20145               | 31 | 186**              | 0**         | 122,140**     | 3                  | 245          | 68          | 139,964       | 245                 | 68          | 139,964       |
| 2 Black Rock (615)<br>02-001-20188               | 31 | 335**              | 15,071**    | 87,223**      | 3                  | 1,483        | 93,660      | 710,758       | 1,483               | 93,660      | 710,758       |
| 3 Black Rock (581)<br>02-001-20162               | 31 | 217**              | 124**       | 33,108**      | 3                  | 217          | 124         | 33,108        | 217                 | 124         | 33,108        |
| Operator and Field Total                         |    | 738                | 15,195      | 242,471       |                    | 1,945        | 93,852      | 883,830       | 1,945               | 93,852      | 883,830       |
| WELLS NOT NOW PRODUCING                          |    |                    |             |               |                    |              |             |               | 132,494             | 234,293     | 3,545,511     |
| GRAND TOTALS                                     |    | 12,965             | 48,953      | 247,455       |                    | 115,090      | 320,432     | 1,018,740     | 19,596,771          | 11,953,745  | 19,983,853    |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

## Gas Distribution Symbols in this Report:

- 1 - Flared/Vented      3 - Sold  
2 - Used on Lease      4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses

- \* - API Well Number  
\*\* - Estimated

S0500-1  
1/31/89

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
NOVEMBER, 1989

APACHE COUNTY  
DINEH BI KEYAH  
(HERMOSA)

Kerr-McGee Corp.

|                                 | DAYS | MONTHLY PRODUCTION |               |            |        | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|---------------------------------|------|--------------------|---------------|------------|--------|--------------|---------------|------------|---------------------|---------------|------------|
|                                 |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP   | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (377)<br>02-001-20001* | 30   | 270                | 0             | 119<br>112 | 1<br>2 | 3,080        | 85            | 2,589      | 1,097,288           | 32,831        | 119,164    |
| 3X Navajo (386)<br>02-001-20011 | 30   | 132                | 58            | 476<br>448 | 1<br>2 | 3,465        | 466           | 15,324     | 1,873,361           | 263,948       | 598,802    |
| 4 Navajo (384)<br>02-001-20009  | 30   | 3,749              | 11,959        | 27<br>25   | 1<br>2 | 40,822       | 103,239       | 1,533      | 3,365,281           | 1,754,491     | 100,929    |
| 6 Navajo (390)<br>02-001-20014  | 10   | 82                 | 0             | 5<br>5     | 1<br>2 | 2,279        | 0             | 763        | 272,178             | 12,448        | 84,310     |
| 9 Navajo (396)<br>02-001-20020  |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 1,656,074           | 554,845       | 259,211    |
| 11 Navajo (506)<br>02-001-20106 | 30   | 369                | 0             | 437        | 2      | 4,156        | 0             | 24,421     | 927,394             | 81,446        | 607,523    |
| 14 Navajo (416)<br>02-001-20040 | 30   | 44                 | 0             | 97<br>92   | 1<br>2 | 1,348        | 0             | 1,288      | 304,156             | 21,041        | 143,778    |
| 15 Navajo (417)<br>02-001-20041 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 114,809             | 15,449        | 37,903     |
| 16 Navajo (419)<br>02-001-20043 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 96,442              | 34,583        | 16,680     |
| 17 Navajo (618)<br>02-001-20190 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 55,565              | 8,931         | 41,056     |
| 19 Navajo (691)<br>02-001-20240 | 30   | 463                | 0             | 571        | 2      | 6,505        | 11            | 17,083     | 296,919             | 11,443        | 218,706    |
| 20 Navajo (696)<br>02-001-20245 | 30   | 216                | 0             | 15<br>16   | 1<br>2 | 3,010        | 0             | 4,111      | 175,122             | 4,074         | 79,194     |

See Page 4 for Legend.

Page 2. November, 1989  
DINEH BI KEYAH (Cont'd)  
Kerr McGee Corp. DAYS

|                                    |    | OIL<br>BBLS | WATER<br>BBLS | GAS<br>MCF | DISP   | OIL<br>BBLS | WATER<br>BBLS | GAS<br>MCF | OIL<br>BBLS | WATER<br>BBLS | GAS<br>MCF |
|------------------------------------|----|-------------|---------------|------------|--------|-------------|---------------|------------|-------------|---------------|------------|
| 21 Navajo (693)<br>02-001-20242    | 15 | 112         | 0             | 28<br>26   | 1<br>2 | 2,900       | 194           | 1,544      | 47,289      | 26,816        | 25,246     |
| 22 Navajo (692)<br>02-001-20241    | 30 | 86          | 0             | 66<br>63   | 1<br>2 | 1,364       | 0             | 1,950      | 42,818      | 4,153         | 27,762     |
| 24 Navajo (695)<br>02-001-20244    |    | 0           | 0             | 0          |        | 0           | 0             | 0          | 97,509      | 364,648       | 49,699     |
| 25 Navajo (719)<br>02-001-20249    | 29 | 197         | 0             | 158<br>149 | 1<br>2 | 2,207       | 176           | 4,935      | 59,881      | 3,842         | 46,527     |
| 26 Navajo (720)<br>02-001-20250    |    | 0           | 0             | 0          |        | 0           | 0             | 0          | 8,010       | 3,847         | 10,751     |
| 27 Navajo (721)<br>02-001-20251    | 30 | 238         | 0             | 95<br>89   | 1<br>2 | 2,153       | 109           | 4,512      | 70,697      | 665           | 45,055     |
| IX Navajo-B (445)<br>02-001--20068 | 30 | 741         | 0             | 136<br>128 | 1<br>2 | 7,876       | 98            | 2,698      | 1,813,521   | 49,241        | 207,061    |
| 1 Navajo-C (484)<br>02-001-20092   | 30 | 29          | 0             | TSTM       |        | 215         | 0             | TSTM       | 6,154       | 2,092         | 1,174      |
| 2 Navajo-88 (431)<br>02-001-20055  | 30 | 518         | 286           | 111<br>105 | 1<br>2 | 7,204       | 2,651         | 2,115      | 801,753     | 266,185       | 129,406    |
| 3 Navajo-88 (443)<br>02-001-20066  |    | 0           | 0             | 0          |        | 0           | 0             | 0          | 177,217     | 58,629        | 182,629    |
| 6 Navajo-88 (722)<br>02-001-20252  | 30 | 29          | 0             | 15<br>14   | 1<br>2 | 761         | 0             | 21,768     | 40,909      | 728           | 259,730    |
| 1 Navajo-138 (388)<br>02-001-20012 | 30 | 510         | 0             | 534<br>504 | 1<br>2 | 5,908       | 1,012         | 16,218     | 1,085,198   | 63,386        | 585,690    |
| 3 Navajo-138 (723)<br>02-001-20253 | 30 | 189         | 0             | 230<br>217 | 1<br>2 | 3,290       | 0             | 7,981      | 84,296      | 5,147         | 79,883     |

|                                  |  |       |        |       |  |        |         |         |            |           |           |
|----------------------------------|--|-------|--------|-------|--|--------|---------|---------|------------|-----------|-----------|
| Operator & Field Total           |  | 7,974 | 12,303 | 5,113 |  | 98,543 | 108,041 | 130,833 | 14,569,841 | 3,644,909 | 3,957,869 |
| Total of Wells Not Now Producing |  |       |        |       |  |        |         |         | 2,801,661  | 1,096,273 | 436,809   |
| TOTAL                            |  |       |        |       |  |        |         |         | 17,371,502 | 4,741,182 | 4,394,678 |

|                                   |             | <u>MONTHLY PRODUCTION</u> |              |            |             | <u>YEAR TO DATE</u> |              |            | <u>ALL TIME CUMULATIVE</u> |                |               |
|-----------------------------------|-------------|---------------------------|--------------|------------|-------------|---------------------|--------------|------------|----------------------------|----------------|---------------|
| DRY MESA (MISSISSIPPIAN)          |             | <u>OIL</u>                | <u>WATER</u> | <u>GAS</u> |             | <u>OIL</u>          | <u>WATER</u> | <u>GAS</u> | <u>OIL</u>                 | <u>WATER</u>   | <u>GAS</u>    |
|                                   | <u>DAYS</u> | <u>BBLS</u>               | <u>BBLS</u>  | <u>MCF</u> | <u>DISP</u> | <u>BBLS</u>         | <u>BBLS</u>  | <u>MCF</u> | <u>BBLS</u>                | <u>BBLS</u>    | <u>MCF</u>    |
| BHP Petroleum Co., Inc.           |             |                           |              |            |             |                     |              |            |                            |                |               |
| 1 Navajo-138 (77)                 |             | 0                         | 0            | 0          |             | 0                   | 0            | 0          | 239,961                    | 1,077,818      | 27,499        |
| *None                             |             |                           |              |            |             |                     |              |            |                            |                |               |
| 2 Navajo-138 (106)                |             | 0                         | 0            | 0          |             | 0                   | 0            | 0          | 7,566                      | 65,124         | 83,825        |
| *None                             |             |                           |              |            |             |                     |              |            |                            |                |               |
| 3 Navajo-138 (115)                | 20          | 346                       | 1,560        | 0          |             | 4,758               | 17,695       | 0          | 453,559                    | 403,468        | 46,519        |
| *None                             |             |                           |              |            |             |                     |              |            |                            |                |               |
| 6 Navajo-138 (852)                | 28          | 2,895                     | 10,400       | 0          |             | 17,539              | 50,107       | 0          | 52,682                     | 129,351        | 3,549         |
| 02-001-20283                      |             |                           |              |            |             |                     |              |            |                            |                |               |
| Operator & Field Total            |             | 3,241                     | 11,960       | 0          |             | 22,297              | 67,802       | 0          | 753,768                    | 1,675,761      | 161,392       |
| TEEC NOS POS (ISMAY/DESERT CREEK) |             |                           |              |            |             |                     |              |            |                            |                |               |
| BHP Petroleum (Americas), Inc.    |             |                           |              |            |             |                     |              |            |                            |                |               |
| 1 Navajo-O (232)                  |             | 0                         | 0            | 0          |             | 13                  | 1,248        | 0          | 197,012                    | 15,891         | 1,105,920     |
| *None                             |             |                           |              |            |             |                     |              |            |                            |                |               |
| 3 Navajo-O (640)                  |             | 0                         | 0            | 0          |             | 0                   | 0            | 0          | 141,691                    | 27,035         | 149,840       |
| 02-001-20207                      |             |                           |              |            |             |                     |              |            |                            |                |               |
| 4 Navajo-O (663)                  |             | 0                         | 0            | 0          |             | 0                   | 0            | 0          | 105,064                    | 128,402        | 82,735        |
| 02-001-20219                      |             |                           |              |            |             |                     |              |            |                            |                |               |
| 5 Navajo-O (678)                  |             | 0                         | 0            | 0          |             | 0                   | 0            | 0          | 29,212                     | 35,218         | 72,305        |
| 02-001-20228                      |             |                           |              |            |             |                     |              |            |                            |                |               |
| Operator Total                    |             | 0                         | 0            | 0          |             | 13                  | 1,248        | 0          | 472,979                    | 206,546        | 1,410,800     |
| Mountain States Resources         |             |                           |              |            |             |                     |              |            |                            |                |               |
| 12 Navajo-O (801)                 |             | 0                         | 0            | 0          |             | 0                   | 0            | 0          | 7,895                      | 45,933         | 1,920         |
| 02-001-20258                      |             |                           |              |            |             |                     |              |            |                            |                |               |
| 16 Navajo (834)                   |             | 0                         | 0            | 0          |             | 0                   | 0            | 0          | 57                         | 1,175          | 0             |
| 02-001-20278                      |             |                           |              |            |             |                     |              |            |                            |                |               |
| Field Total                       |             | 0                         | 0            | 0          |             | 13                  | 1,248        | 0          | 480,931                    | 253,654        | 1,412,720     |
| Total of Wells Not Now Producing  |             |                           |              |            |             |                     |              |            | <u>5,398</u>               | <u>110,276</u> | <u>17,699</u> |
| TOTAL                             |             |                           |              |            |             |                     |              |            | 486,329                    | 363,930        | 1,430,419     |

## EAST BOUNDARY BUTTE (PARADOX)

| Merrion Oil & Gas                                | DAYS | MONTHLY PRODUCTION |               |            |      | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |             |
|--------------------------------------------------|------|--------------------|---------------|------------|------|--------------|---------------|------------|---------------------|---------------|-------------|
|                                                  |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF  |
| 1 Navajo (28)                                    |      |                    |               |            |      |              |               |            |                     |               |             |
| * None                                           | 22   | 266                | 6,582         | 380        | 2    | 3,208        | 79,703        | 2,520#     | 131,063             | 574,644       | 1,925,440#  |
| 2 Navajo (22)                                    | 17   | 160                | 185           | 2,468      | 2    | 725          | 816           | 11,086#    | 15,111              | 7,601         | 1,743,444#  |
| * None                                           |      |                    |               |            |      |              |               |            |                     |               |             |
| Operator and Field Total                         |      | 426                | 6,767         | 2,848      |      | 3,933        | 80,519        | 13,606#    | 146,174             | 582,245       | 3,668,884#  |
| Total of Wells Not Now<br>Producing              |      |                    |               |            |      |              |               |            | 716,200             | 4,293,512     | 5,908,668   |
| TOTAL                                            |      |                    |               |            |      |              |               |            | 862,374             | 4,875,757     | 9,577,552#  |
| BLACK ROCK (ISMAY/AKAH)<br>Chuska Energy Company |      |                    |               |            |      |              |               |            |                     |               |             |
| 1 Black Rock (559)<br>02-001-20145               | 30   | 135**              | 0**           | 112,706**  | 3    | 380          | 68            | 252,670    | 380                 | 68            | 252,670     |
| 2 Black Rock (615)<br>02-001-20188               | 30   | 244**              | 11,944**      | 77,347**   | 3    | 1,727        | 105,604       | 788,105    | 1,727               | 105,604       | 788,105     |
| 3 Black Rock (581)<br>02-001-20162               | 30   | 163**              | 121**         | 30,939**   | 3    | 380          | 245           | 64,047     | 380                 | 245           | 64,047      |
| Operator and Field Total                         |      | 542                | 12,065        | 220,992    |      | 2,487        | 105,917       | 1,104,822  | 2,487               | 105,917       | 1,104,822   |
| WELLS NOT NOW PRODUCING                          |      |                    |               |            |      |              |               |            | 132,494             | 234,293       | 3,545,511   |
| GRAND TOTALS                                     |      | 12,183             | 43,095        | 228,953    |      | 127,273      | 363,527       | 1,249,261# | 19,608,954          | 11,996,840    | 20,214,374# |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

## Gas Distribution Symbols in this Report:

1 - Flared/Vented      3 - Sold  
2 - Used on Lease      4 - Lost (Mcf estimated)

## State Permit Numbers are shown in parentheses

\* - API Well Number  
\*\* - Estimated      # - Amended

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
DECEMBER, 1989

APACHE COUNTY  
DINEH BI KEYAH  
(HERMOSA)  
Kerr-McGee Corp.

|                                 | DAYS | MONTHLY PRODUCTION |               |            |        | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|---------------------------------|------|--------------------|---------------|------------|--------|--------------|---------------|------------|---------------------|---------------|------------|
|                                 |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP   | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (377)<br>02-001-20001* | 31   | 326                | 0             | 93<br>135  | 1<br>2 | 3,406        | 85            | 2,817      | 1,097,614           | 32,831        | 119,392    |
| 3X Navajo (386)<br>02-001-20011 | 24   | 122                | 46            | 279<br>404 | 1<br>2 | 3,587        | 512           | 16,007     | 1,873,483           | 263,994       | 599,485    |
| 4 Navajo (384)<br>02-001-20009  | 29   | 3,060              | 10,530        | 21<br>30   | 1<br>2 | 43,882       | 113,769       | 1,584      | 3,368,341           | 1,765,021     | 100,980    |
| 6 Navajo (390)<br>02-001-20014  | 31   | 232                | 0             | 13<br>20   | 1<br>2 | 2,511        | 0             | 796        | 272,410             | 12,448        | 84,343     |
| 9 Navajo (396)<br>02-001-20020  |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 1,656,074           | 554,845       | 259,211    |
| 11 Navajo (506)<br>02-001-20106 | 31   | 384                | 0             | 454        | 2      | 4,540        | 0             | 24,875     | 927,778             | 81,446        | 607,977    |
| 14 Navajo (416)<br>02-001-20040 | 23   | 39                 | 0             | 34<br>50   | 1<br>2 | 1,387        | 0             | 1,372      | 304,195             | 21,041        | 143,862    |
| 15 Navajo (417)<br>02-001-20041 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 114,809             | 15,449        | 37,903     |
| 16 Navajo (419)<br>02-001-20043 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 96,442              | 34,583        | 16,680     |
| 17 Navajo (618)<br>02-001-20190 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 55,565              | 8,931         | 41,056     |
| 19 Navajo (691)<br>02-001-20240 | 23   | 384                | 0             | 418        | 2      | 6,889        | 11            | 17,501     | 297,303             | 11,443        | 219,124    |
| 20 Navajo (696)<br>02-001-20245 | 23   | 184                | 0             | 9<br>14    | 1<br>2 | 3,194        | 0             | 4,134      | 175,306             | 4,074         | 79,217     |

See Page 4 for Legend.

Page 2. December, 1989  
DINEH BI KEYAH (Cont'd)  
Kerr McGee Corp. DAYS

|                                  |    | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF | DISP | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF |
|----------------------------------|----|-------------|---------------|------------|------|-------------|---------------|------------|-------------|---------------|------------|
| 21 Navajo (693)                  | 31 | 335         | 0             | 42         | 1    | 3,235       | 194           | 1,648      | 47,624      | 26,816        | 25,350     |
| 02-001-20242                     |    |             |               | 62         | 2    |             |               |            |             |               |            |
| 22 Navajo (692)                  | 27 | 175         | 0             | 54         | 1    | 1,539       | 0             | 2,081      | 42,993      | 4,153         | 27,893     |
| 02-001-20241                     |    |             |               | 77         | 2    |             |               |            |             |               |            |
| 24 Navajo (695)                  |    | 0           | 0             | 0          |      | 0           | 0             | 0          | 97,509      | 364,648       | 49,699     |
| 02-001-20244                     |    |             |               |            |      |             |               |            |             |               |            |
| 25 Navajo (719)                  | 23 | 165         | 0             | 105        | 1    | 2,372       | 176           | 5,192      | 60,046      | 3,842         | 46,784     |
| 02-001-20249                     |    |             |               | 152        | 2    |             |               |            |             |               |            |
| 26 Navajo (720)                  |    | 0           | 0             | 0          |      | 0           | 0             | 0          | 8,010       | 3,847         | 10,751     |
| 02-001-20250                     |    |             |               |            |      |             |               |            |             |               |            |
| 27 Navajo (721)                  | 26 | 236         | 0             | 67         | 1    | 2,389       | 109           | 4,675      | 70,933      | 665           | 45,218     |
| 02-001-20251                     |    |             |               | 96         | 2    |             |               |            |             |               |            |
| IX Navajo-B (445)                | 31 | 910         | 0             | 114        | 1    | 8,786       | 98            | 2,977      | 1,814,431   | 49,241        | 207,340    |
| 02-001--20068                    |    |             |               | 165        | 2    |             |               |            |             |               |            |
| 1 Navajo-C (484)                 | 15 | 14          | 0             | TSTM       |      | 229         | 0             | TSTM       | 6,168       | 2,092         | 1,174      |
| 02-001-20092                     |    |             |               |            |      |             |               |            |             |               |            |
| 2 Navajo-88 (431)                | 28 | 539         | 248           | 83         | 1    | 7,743       | 2,899         | 2,316      | 802,292     | 266,433       | 129,607    |
| 02-001-20055                     |    |             |               | 118        | 2    |             |               |            |             |               |            |
| 3 Navajo-88 (443)                |    | 0           | 0             | 0          |      | 0           | 0             | 0          | 177,217     | 58,629        | 182,629    |
| 02-001-20066                     |    |             |               |            |      |             |               |            |             |               |            |
| 6 Navajo-88 (722)                | 28 | 28          | 0             | 11         | 1    | 789         | 0             | 21,796     | 40,937      | 728           | 259,758    |
| 02-001-20252                     |    |             |               | 17         | 2    |             |               |            |             |               |            |
| 1 Navajo-138 (388)               | 31 | 591         | 0             | 440        | 1    | 6,499       | 1,012         | 17,294     | 1,085,789   | 63,386        | 586,766    |
| 02-001-20012                     |    |             |               | 636        | 2    |             |               |            |             |               |            |
| 3 Navajo-138 (723)               | 31 | 180         | 0             | 174        | 1    | 3,470       | 0             | 8,407      | 84,476      | 5,147         | 80,309     |
| 02-001-20253                     |    |             |               | 252        | 2    |             |               |            |             |               |            |
| Operator & Field Total           |    | 7,904       | 10,824        | 4,639      |      | 106,447     | 118,865       | 135,472    | 14,577,745  | 3,655,733     | 3,962,508  |
| Total of Wells Not Now Producing |    |             |               |            |      |             |               |            | 2,801,661   | 1,096,273     | 436,809    |
| TOTAL                            |    |             |               |            |      |             |               |            | 17,379,406  | 4,752,006     | 4,399,317  |

Page 3. December, 1989

DRY MESA (MISSISSIPPIAN)

|                         | DAYS | MONTHLY PRODUCTION |               |            | DISP | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|-------------------------|------|--------------------|---------------|------------|------|--------------|---------------|------------|---------------------|---------------|------------|
|                         |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF |      | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| BHP Petroleum Co., Inc. |      |                    |               |            |      |              |               |            |                     |               |            |
| 1 Navajo-138 (77)       |      | 0                  | 0             | 0          |      | 0            | 0             | 0          | 239,961             | 1,077,818     | 27,499     |
| *None                   |      |                    |               |            |      |              |               |            |                     |               |            |
| 2 Navajo-138 (106)      |      | 0                  | 0             | 0          |      | 0            | 0             | 0          | 7,566               | 65,124        | 83,825     |
| *None                   |      |                    |               |            |      |              |               |            |                     |               |            |
| 3 Navajo-138 (115)      | 27   | 593                | 2,662         | 0          |      | 5,351        | 20,357        | 0          | 454,152             | 406,130       | 46,519     |
| *None                   |      |                    |               |            |      |              |               |            |                     |               |            |
| 6 Navajo-138 (852)      | 18   | 1,725              | 6,190         | 0          |      | 19,264       | 56,297        | 0          | 54,407              | 135,541       | 3,549      |
| 02-001-20283            |      |                    |               |            |      |              |               |            |                     |               |            |
| Operator & Field Total  |      | 2,318              | 8,852         | 0          |      | 24,615       | 76,654        | 0          | 756,086             | 1,684,613     | 161,392    |

TEEC NOS POS (ISMAY/DESERT CREEK)

BHP Petroleum (Americas), Inc.

|                               |       |   |   |       |       |   |         |         |           |
|-------------------------------|-------|---|---|-------|-------|---|---------|---------|-----------|
| HP Petroleum (Americas), Inc. |       |   |   |       |       |   |         |         |           |
| 1 Navajo-O (232)              | 0     | 0 | 0 | 13    | 1,248 | 0 | 197,012 | 15,891  | 1,105,920 |
| *None                         |       |   |   |       |       |   |         |         |           |
| 3 Navajo-O (640)              | 0     | 0 | 0 | 0     | 0     | 0 | 141,691 | 27,035  | 149,840   |
| 02-001-20207                  |       |   |   |       |       |   |         |         |           |
| 4 Navajo-O (663)              | 0     | 0 | 0 | 0     | 0     | 0 | 105,064 | 128,402 | 82,735    |
| 02-001-20219                  |       |   |   |       |       |   |         |         |           |
| 5 Navajo-O (678)              | 0     | 0 | 0 | 0     | 0     | 0 | 29,212  | 35,218  | 72,305    |
| 02-001-20228                  |       |   |   |       |       |   |         |         |           |
|                               | <hr/> |   |   | <hr/> |       |   | <hr/>   |         |           |
| Operator Total                | 0     | 0 | 0 | 13    | 1,248 | 0 | 472,979 | 206,546 | 1,410,800 |

Mountain States Resources

|                   |   |   |   |    |       |   |         |         |           |
|-------------------|---|---|---|----|-------|---|---------|---------|-----------|
| 12 Navajo-O (801) | 0 | 0 | 0 | 0  | 0     | 0 | 7,895   | 45,933  | 1,920     |
| 02-001-20258      |   |   |   |    |       |   |         |         |           |
| 16 Navajo (834)   | 0 | 0 | 0 | 0  | 0     | 0 | 57      | 1,175   | 0         |
| 02-001-20278      |   |   |   |    |       |   |         |         |           |
| Field Total       | 0 | 0 | 0 | 13 | 1,248 | 0 | 480,931 | 253,654 | 1,412,720 |

Total of Wells Not Now Producing

TOTAL

5,398 110,276 17,699  
486,329 363,930 1,430,419

## EAST BOUNDARY BUTTE (PARADOX)

| Merrion Oil & Gas                                | DAYS | MONTHLY PRODUCTION |               |            |      | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|--------------------------------------------------|------|--------------------|---------------|------------|------|--------------|---------------|------------|---------------------|---------------|------------|
|                                                  |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (28)<br>* None                          | 1    | 0                  | 0             | 5          | 2    | 3,208        | 79,703        | 2,525      | 131,063             | 574,644       | 1,925,445  |
| 2 Navajo (22)<br>* None                          | 5    | 23                 | 44            | 10         | 2    | 748          | 860           | 11,096     | 15,134              | 7,645         | 1,743,454  |
| Operator and Field Total                         |      | 23                 | 44            | 15         |      | 3,956        | 80,563        | 13,621     | 146,197             | 582,289       | 3,668,899  |
| Total of Wells Not Now<br>Producing              |      |                    |               |            |      |              |               |            | 716,200             | 4,293,512     | 5,908,668  |
| TOTAL                                            |      |                    |               |            |      |              |               |            | 862,397             | 4,875,801     | 9,577,567  |
| BLACK ROCK (ISMAY/AKAH)<br>Chuska Energy Company |      |                    |               |            |      |              |               |            |                     |               |            |
| 1 Black Rock (559)<br>02-001-20145               | 31   | 113**              | 0**           | 102,817**  | 3    | 493          | 68            | 355,487    | 493                 | 68            | 355,487    |
| 2 Black Rock (615)<br>02-001-20188               | 31   | 203**              | 11,402**      | 70,561**   | 3    | 1,930        | 117,006       | 858,666    | 1,930               | 117,006       | 858,666    |
| 3 Black Rock (581)<br>02-001-20162               | 31   | 136**              | 115**         | 28,224**   | 3    | 516          | 360           | 92,271     | 516                 | 360           | 92,271     |
| Operator and Field Total                         |      | 452                | 11,517        | 201,602    |      | 2,939        | 117,434       | 1,306,424  | 2,939               | 117,434       | 1,306,424  |
| WELLS NOT NOW PRODUCING                          |      |                    |               |            |      |              |               |            | 132,494             | 234,293       | 3,545,511  |
| GRAND TOTALS                                     |      | 10,697             | 31,237        | 206,256    |      | 137,970      | 394,764       | 1,455,517  | 19,619,651          | 12,028,077    | 20,420,630 |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

## Gas Distribution Symbols in this Report:

- 1 - Flared/Vented      3 - Sold  
2 - Used on Lease      4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses

- \* - API Well Number  
\*\* - Estimated

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
JANUARY, 1990

50500-1  
3/10/90

| APACHE COUNTY<br>DINEH BI KEYAH<br>(HERMOSA)<br>Kerr-McGee Corp. | DAYS | MONTHLY PRODUCTION |               |            |        | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|------------------------------------------------------------------|------|--------------------|---------------|------------|--------|--------------|---------------|------------|---------------------|---------------|------------|
|                                                                  |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP   | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (377)<br>02-001-20001*                                  | 31   | 298                | 0             | 106<br>132 | 1<br>2 | 298          | 0             | 238        | 1,097,912           | 32,831        | 119,630    |
| 3X Navajo (386)<br>02-001-20011                                  | 29   | 248                | * 14          | 348<br>433 | 1<br>2 | 248          | 14            | 781        | 1,873,731           | 264,008       | 600,266    |
| 4 Navajo (384)<br>02-001-20009                                   | 24   | 2,319              | 9,287         | 10<br>13   | 1<br>2 | 2,319        | 9,287         | 23         | 3,370,660           | 1,774,308     | 101,003    |
| 6 Navajo (390)<br>02-001-20014                                   | 31   | 231                | 0             | 13<br>17   | 1<br>2 | 231          | 0             | 30         | 272,641             | 12,448        | 84,373     |
| 9 Navajo (396)<br>02-001-20020                                   |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 1,656,074           | 554,845       | 259,211    |
| 11 Navajo (506)<br>02-001-20106                                  | 31   | 449                | 0             | 434        | 2      | 449          | 0             | 434        | 928,227             | 81,446        | 608,411    |
| 14 Navajo (416)<br>02-001-20040                                  | 31   | 74                 | 0             | 53<br>66   | 1<br>2 | 74           | 0             | 119        | 304,269             | 21,041        | 143,981    |
| 15 Navajo (417)<br>02-001-20041                                  |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 114,809             | 15,449        | 37,903     |
| 16 Navajo (419)<br>02-001-20043                                  |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 96,442              | 34,583        | 16,680     |
| 17 Navajo (618)<br>02-001-20190                                  |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 55,565              | 8,931         | 41,056     |
| 19 Navajo (691)<br>02-001-20240                                  | 31   | 653                | 0             | 558        | 2      | 653          | 0             | 558        | 297,956             | 11,443        | 219,682    |
| 20 Navajo (696)<br>02-001-20245                                  | 30   | 249                | 0             | 13<br>16   | 1<br>2 | 249          | 0             | 29         | 175,555             | 4,074         | 79,246     |

See Page 4 for Legend.

Kerr McGee Corp. DAYSTOTAL

Page 3. January, 1990

DRY MESA (MISSISSIPPIAN)

|                        | DAYS | MONTHLY PRODUCTION |               |            |      | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|------------------------|------|--------------------|---------------|------------|------|--------------|---------------|------------|---------------------|---------------|------------|
|                        |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| Dry Mesa Corporation   |      |                    |               |            |      |              |               |            |                     |               |            |
| 1 Navajo-138 (77)      |      | 0                  | 0             | 0          |      | 0            | 0             | 0          | 239,961             | 1,077,818     | 27,499     |
| *None                  |      |                    |               |            |      |              |               |            |                     |               |            |
| 2 Navajo-138 (106)     |      | 0                  | 0             | 0          |      | 0            | 0             | 0          | 7,566               | 65,124        | 83,825     |
| *None                  |      |                    |               |            |      |              |               |            |                     |               |            |
| 3 Navajo-138 (115)     | 15   | 332                | 1,365         | 0          |      | 332          | 1,365         | 0          | 454,484             | 407,495       | 46,519     |
| *None                  |      |                    |               |            |      |              |               |            |                     |               |            |
| 6 Navajo-138 (852)     | 18   | 1,958              | 6,760         | 0          |      | 1,958        | 6,760         | 0          | 56,365              | 142,301       | 3,549      |
| 02-001-20283           |      |                    |               |            |      |              |               |            |                     |               |            |
| Operator & Field Total |      | 2,290              | 8,125         | 0          |      | 2,290        | 8,125         | 0          | 758,376             | 1,692,738     | 161,392    |

TEEC NOS POS (ISMAY/DESERT CREEK)

|                      |  |   |   |   |  |   |   |   |         |         |           |
|----------------------|--|---|---|---|--|---|---|---|---------|---------|-----------|
| Dry Mesa Corporation |  |   |   |   |  |   |   |   |         |         |           |
| 1 Navajo-O (232)     |  | 0 | 0 | 0 |  | 0 | 0 | 0 | 197,012 | 15,891  | 1,105,920 |
| *None                |  |   |   |   |  |   |   |   |         |         |           |
| 3 Navajo-O (640)     |  | 0 | 0 | 0 |  | 0 | 0 | 0 | 141,691 | 27,035  | 149,840   |
| 02-001-20207         |  |   |   |   |  |   |   |   |         |         |           |
| 4 Navajo-O (663)     |  | 0 | 0 | 0 |  | 0 | 0 | 0 | 105,064 | 128,402 | 82,735    |
| 02-001-20219         |  |   |   |   |  |   |   |   |         |         |           |
| 5 Navajo-O (678)     |  | 0 | 0 | 0 |  | 0 | 0 | 0 | 29,212  | 35,218  | 72,305    |
| 02-001-20228         |  |   |   |   |  |   |   |   |         |         |           |
| Operator Total       |  | 0 | 0 | 0 |  | 0 | 0 | 0 | 472,979 | 206,546 | 1,410,800 |

Mountain States Resources

|                   |  |   |   |   |  |   |   |   |         |         |           |
|-------------------|--|---|---|---|--|---|---|---|---------|---------|-----------|
| 12 Navajo-O (801) |  | 0 | 0 | 0 |  | 0 | 0 | 0 | 7,895   | 45,933  | 1,920     |
| 02-001-20258      |  |   |   |   |  |   |   |   |         |         |           |
| 16 Navajo (834)   |  | 0 | 0 | 0 |  | 0 | 0 | 0 | 57      | 1,175   | 0         |
| 02-001-20278      |  |   |   |   |  |   |   |   |         |         |           |
| Field Total       |  | 0 | 0 | 0 |  | 0 | 0 | 0 | 480,931 | 253,654 | 1,412,720 |

Total of Wells Not Now Producing

TOTAL

|         |         |           |
|---------|---------|-----------|
| 5,398   | 110,276 | 17,699    |
| 486,329 | 363,930 | 1,430,419 |

## EAST BOUNDARY BUTTE (PARADOX)

|                                                  |      | MONTHLY PRODUCTION |               |            |      | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |              |
|--------------------------------------------------|------|--------------------|---------------|------------|------|--------------|---------------|------------|---------------------|---------------|--------------|
|                                                  |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF   |
| Merrion Oil & Gas                                | DAYS |                    |               |            |      |              |               |            |                     |               |              |
| 1 Navajo (28)                                    |      |                    |               |            |      |              |               |            |                     |               |              |
| * None                                           | 20   | 179                | 5,489         | 100        | 2    | 179          | 5,489         | 100        | 131,242             | 580,133       | 1,925,545    |
|                                                  |      |                    |               | 50         | 2    |              |               |            |                     |               |              |
| 2 Navajo (22)                                    | 25   | 25                 | 24            | 4          | 3    | 25           | 24            | 54         | 15,159              | 7,669         | 1,743,508    |
| * None                                           |      |                    |               |            |      |              |               |            |                     |               |              |
| Operator and Field Total                         |      | 204                | 5,513         | 154        |      | 204          | 5,513         | 154        | 146,401             | 587,802       | 3,669,053    |
| Total of Wells Not Now<br>Producing              |      |                    |               |            |      |              |               |            | 716,200             | 4,293,512     | 5,908,668    |
| TOTAL                                            |      |                    |               |            |      |              |               |            | 862,601             | 4,881,314     | 9,577,721    |
| BLACK ROCK (ISMAY/AKAH)<br>Chuska Energy Company |      |                    |               |            |      |              |               |            |                     |               |              |
| 1 Black Rock (559)                               | 31   | 79**               | 0**           | 79,182**   | 3    | 79           | 0             | 79,182     | 572                 | 68            | 434,669      |
| 02-001-20145                                     |      |                    |               |            |      |              |               |            |                     |               |              |
| 2 Black Rock (615)                               | 31   | 141**              | 13,490**      | 54,340**   | 3    | 141          | 13,490        | 54,340     | 2,071               | 130,496       | 913,006      |
| 02-001-20188                                     |      |                    |               |            |      |              |               |            |                     |               |              |
| 3 Black Rock (581)                               | 31   | 94**               | 136**         | 21,736**   | 3    | 94           | 136           | 21,736     | 610                 | 496           | 114,007      |
| 02-001-20162                                     |      |                    |               |            |      |              |               |            |                     |               |              |
| Operator and Field Total                         |      | 314                | 13,626        | 155,258    |      | 314          | 13,626        | 155,258    | 3,253               | 131,060       | 1,461,513\$  |
| WELLS NOT NOW PRODUCING                          |      |                    |               |            |      |              |               |            | 132,494             | 234,293       | 3,545,511    |
| GRAND TOTALS                                     |      | 10,448             | 36,807        | 160,206    |      | 10,448       | 36,807        | 160,206    | 19,630,099          | 12,064,884    | 20,580,667\$ |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

## Gas Distribution Symbols in this Report:

- 1 - Flared/Vented      3 - Sold  
2 - Used on Lease      4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses  
\* - API Well Number      \$ - Amended  
\*\* - Estimated

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
FEBRUARY, 1990

| APACHE COUNTY<br>DINEH BI KEYAH<br>(HERMOSA)<br>Kerr-McGee Corp. | DAYS | MONTHLY PRODUCTION |               |            |        | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|------------------------------------------------------------------|------|--------------------|---------------|------------|--------|--------------|---------------|------------|---------------------|---------------|------------|
|                                                                  |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP   | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (377)<br>02-001-20001*                                  | 28   | 256                | 0             | 91<br>105  | 1<br>2 | 554          | 0             | 434        | 1,098,168           | 32,831        | 119,826    |
| 3X Navajo (386)<br>02-001-20011                                  | 26   | 251                | 0             | 337<br>391 | 1<br>2 | 499          | 14            | 1,509      | 1,873,982           | 264,008       | 600,994    |
| 4 Navajo (384)<br>02-001-20009                                   | 28   | 2,324              | 11,472        | 13<br>15   | 1<br>2 | 4,643        | 20,759        | 51         | 3,372,984           | 1,785,780     | 101,031    |
| 6 Navajo (390)<br>02-001-20014                                   | 28   | 209                | 0             | 13<br>15   | 1<br>2 | 440          | 0             | 58         | 272,850             | 12,448        | 84,401     |
| 9 Navajo (396)<br>02-001-20020                                   |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 1,656,074           | 554,845       | 259,211    |
| 11 Navajo (506)<br>02-001-20106                                  | 28   | 420                | 0             | 392        | 2      | 869          | 0             | 826        | 928,647             | 81,446        | 608,803    |
| 14 Navajo (416)<br>02-001-20040                                  | 28   | 95                 | 0             | 52<br>60   | 1<br>2 | 169          | 0             | 231        | 304,364             | 21,041        | 144,093    |
| 15 Navajo (417)<br>02-001-20041                                  |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 114,809             | 15,449        | 37,903     |
| 16 Navajo (419)<br>02-001-20043                                  |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 96,442              | 34,583        | 16,680     |
| 17 Navajo (618)<br>02-001-20190                                  |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 55,565              | 8,931         | 41,056     |
| 19 Navajo (691)<br>02-001-20240                                  | 28   | 633                | 0             | 504        | 2      | 1,286        | 0             | 1,062      | 298,589             | 11,443        | 220,186    |
| 20 Navajo (696)<br>02-001-20245                                  | 28   | 233                | 0             | 13<br>15   | 1<br>2 | 482          | 0             | 57         | 175,788             | 4,074         | 79,274     |

See Page 4 for Legend.

| Page 2. February, 1990<br>DINEH BI KEYAH (Cont'd) |      | OIL<br>BBLS | WATER<br>BBLS | GAS        |        | OIL<br>BBLS | WATER<br>BBLS | GAS<br>MCF | OIL<br>BBLS | WATER<br>BBLS | GAS<br>MCF |
|---------------------------------------------------|------|-------------|---------------|------------|--------|-------------|---------------|------------|-------------|---------------|------------|
| Kerr McGee Corp.                                  | DAYS |             |               | MCF        | DISP   |             |               |            |             |               |            |
| 21 Navajo (693)<br>02-001-20242                   | 25   | 415         | 0             | 35<br>40   | 1<br>2 | 837         | 0             | 165        | 48,461      | 26,816        | 25,515     |
| 22 Navajo (692)<br>02-001-20241                   | 28   | 150         | 0             | 52<br>60   | 1<br>2 | 338         | 0             | 231        | 43,331      | 4,153         | 28,124     |
| 24 Navajo (695)<br>02-001-20244                   |      | 0           | 0             | 0          |        | 0           | 0             | 0          | 97,509      | 364,648       | 49,699     |
| 25 Navajo (719)<br>02-001-20249                   | 28   | 216         | 0             | 130<br>150 | 1<br>2 | 455         | 0             | 578        | 60,501      | 3,842         | 47,362     |
| 26 Navajo (720)<br>02-001-20250                   |      | 0           | 0             | 0          |        | 0           | 0             | 0          | 8,010       | 3,847         | 10,751     |
| 27 Navajo (721)<br>02-001-20251                   | 27   | 301         | 0             | 78<br>90   | 1<br>2 | 625         | 0             | 347        | 71,558      | 665           | 45,565     |
| IX Navajo-B (445)<br>02-001--20068                | 28   | 544         | 0             | 104<br>120 | 1<br>2 | 1,175       | 0             | 462        | 1,815,606   | 49,241        | 207,902    |
| 1 Navajo-C (484)<br>02-001-20092                  |      | 0           | 0             | 0          |        | 0           | 0             | 0          | 6,168       | 2,092         | 1,174      |
| 2 Navajo-88 (431)<br>02-001-20055                 | 28   | 541         | 238           | 91<br>105  | 1<br>2 | 1,021       | 474           | 371        | 803,313     | 266,907       | 129,978    |
| 3 Navajo-88 (443)<br>02-001-20066                 |      | 0           | 0             | 0          |        | 0           | 0             | 0          | 177,217     | 58,629        | 182,629    |
| 6 Navajo-88 (722)<br>02-001-20252                 | 28   | 37          | 0             | 13<br>15   | 1<br>2 | 59          | 0             | 53         | 40,996      | 728           | 259,811    |
| 1 Navajo-138 (388)<br>02-001-20012                | 28   | 454         | 49            | 439<br>513 | 1<br>2 | 1,032       | 55            | 1,993      | 1,086,821   | 63,441        | 588,759    |
| 3 Navajo-138 (723)<br>02-001-20253                | 28   | 150         | 0             | 182<br>210 | 1<br>2 | 385         | 0             | 809        | 84,861      | 5,147         | 81,118     |
| Operator & Field Total                            |      | 7,229       | 11,759        | 4,443      |        | 14,869      | 21,302        | 9,237      | 14,592,614  | 3,677,035     | 3,971,745  |
| Total of Wells Not Now Producing                  |      |             |               |            |        |             |               |            | 2,801,661   | 1,096,273     | 436,809    |
| TOTAL                                             |      |             |               |            |        |             |               |            | 17,394,275  | 4,773,308     | 4,408,554  |

Page 3. February, 1990

|                                   |      | MONTHLY PRODUCTION |       |     |      | YEAR TO DATE |        |     | ALL TIME CUMULATIVE |           |           |
|-----------------------------------|------|--------------------|-------|-----|------|--------------|--------|-----|---------------------|-----------|-----------|
| DRY MESA (MISSISSIPPIAN)          |      | OIL                | WATER | GAS |      | OIL          | WATER  | GAS | OIL                 | WATER     | GAS       |
|                                   | DAYS | BBLs               | BBLs  | MCF | DISP | BBLs         | BBLs   | MCF | BBLs                | BBLs      | MCF       |
| Dry Mesa Corporation              |      |                    |       |     |      |              |        |     |                     |           |           |
| 1 Navajo-138 (77)                 |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 239,961             | 1,077,813 | 27,499    |
| *None                             |      |                    |       |     |      |              |        |     |                     |           |           |
| 2 Navajo-138 (106)                |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 7,566               | 65,124    | 83,825    |
| *None                             |      |                    |       |     |      |              |        |     |                     |           |           |
| 3 Navajo-138 (115)                | 26   | 527                | 2,270 | 0   |      | 859          | 3,635  | 0   | 455,011             | 409,765   | 46,519    |
| *None                             |      |                    |       |     |      |              |        |     |                     |           |           |
| 6 Navajo-138 (852)                | 19   | 1,633              | 7,340 | 0   |      | 3,591        | 14,100 | 0   | 57,998              | 149,641   | 3,549     |
| 02-001-20283                      |      |                    |       |     |      |              |        |     |                     |           |           |
| Operator & Field Total            |      | 2,160              | 9,610 | 0   |      | 4,450        | 17,735 | 0   | 760,536             | 1,702,348 | 161,392   |
| TEEC NOS POS (ISMAY/DESERT CREEK) |      |                    |       |     |      |              |        |     |                     |           |           |
| Dry Mesa Corporation              |      |                    |       |     |      |              |        |     |                     |           |           |
| 1 Navajo-O (232)                  |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 197,012             | 15,891    | 1,105,920 |
| *None                             |      |                    |       |     |      |              |        |     |                     |           |           |
| 3 Navajo-O (640)                  |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 141,691             | 27,035    | 149,840   |
| 02-001-20207                      |      |                    |       |     |      |              |        |     |                     |           |           |
| 4 Navajo-O (663)                  |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 105,064             | 128,402   | 82,735    |
| 02-001-20219                      |      |                    |       |     |      |              |        |     |                     |           |           |
| 5 Navajo-O (678)                  |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 29,212              | 35,218    | 72,305    |
| 02-001-20228                      |      |                    |       |     |      |              |        |     |                     |           |           |
| Operator Total                    |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 472,979             | 206,546   | 1,410,800 |
| Mountain States Resources         |      |                    |       |     |      |              |        |     |                     |           |           |
| 12 Navajo-O (801)                 |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 7,895               | 45,933    | 1,920     |
| 02-001-20258                      |      |                    |       |     |      |              |        |     |                     |           |           |
| 16 Navajo (834)                   |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 57                  | 1,175     | 0         |
| 02-001-20278                      |      |                    |       |     |      |              |        |     |                     |           |           |
| Field Total                       |      | 0                  | 0     | 0   |      | 0            | 0      | 0   | 480,931             | 253,654   | 1,412,720 |
| Total of Wells Not Now Producing  |      |                    |       |     |      |              |        |     | 5,398               | 110,276   | 17,699    |
| TOTAL                             |      |                    |       |     |      |              |        |     | 486,329             | 363,930   | 1,430,419 |

## EAST BOUNDARY BUTTE (PARADOX)

| Merrion Oil & Gas                                | DAYS | MONTHLY PRODUCTION |               |            |      | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|--------------------------------------------------|------|--------------------|---------------|------------|------|--------------|---------------|------------|---------------------|---------------|------------|
|                                                  |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (28)                                    |      |                    |               | 140        | 2    |              |               |            |                     |               |            |
| * None                                           | 28   | 295                | 7,954         | 197        | 3    | 474          | 13,443        | 437        | 131,537             | 588,087       | 1,925,882  |
|                                                  |      |                    |               | 46         | 2    |              |               |            |                     |               |            |
| 2 Navajo (22)                                    | 23   | 127                | 105           | 1,772      | 3    | 152          | 129           | 1,872      | 15,286              | 7,774         | 1,745,326  |
| * None                                           |      |                    |               |            |      |              |               |            |                     |               |            |
| Operator and Field Total                         |      | 422                | 8,059         | 2,155      |      | 626          | 13,572        | 2,309      | 146,823             | 595,861       | 3,671,208  |
| Total of Wells Not Now<br>Producing              |      |                    |               |            |      |              |               |            | 716,200             | 4,293,512     | 5,908,668  |
| TOTAL                                            |      |                    |               |            |      |              |               |            | 863,023             | 4,889,373     | 9,579,876  |
| BLACK ROCK (ISMAY/AKAH)<br>Chuska Energy Company |      |                    |               |            |      |              |               |            |                     |               |            |
| 1 Black Rock (559)<br>02-001-20145               | 28   | 84**               | 0**           | 70,451**   | 3    | 163          | 0             | 149,633    | 656                 | 68            | 505,120    |
| 2 Black Rock (615)<br>02-001-20188               | 28   | 150**              | 11,768**      | 48,349**   | 3    | 291          | 25,258        | 102,689    | 2,221               | 142,264       | 961,186    |
| 3 Black Rock (581)<br>02-001-20162               | 28   | 100**              | 119**         | 19,340**   | 3    | 194          | 255           | 41,076     | 710                 | 615           | 133,347    |
| Operator and Field Total                         |      | 334                | 11,887        | 138,140    |      | 648          | 25,513        | 293,398    | 3,587               | 142,947       | 1,599,653  |
| WELLS NOT NOW PRODUCING                          |      |                    |               |            |      |              |               |            | 132,494             | 234,293       | 3,545,511  |
| GRAND TOTALS                                     |      | 10,145             | 41,315        | 144,738    |      | 20,593       | 78,122        | 304,944    | 19,640,244          | 12,106,199    | 20,725,405 |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

## Gas Distribution Symbols in this Report:

- 1 - Flared/Vented      3 - Sold  
2 - Used on Lease      4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses

\* - API Well Number

\*\* - Estimated

50508-1

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
MARCH, 1990

| APACHE COUNTY                   |      | MONTHLY PRODUCTION |               |            |        | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|---------------------------------|------|--------------------|---------------|------------|--------|--------------|---------------|------------|---------------------|---------------|------------|
| DINEH BI KEYAH<br>(HERMOSA)     |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP   | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| Kerr-McGee Corp.                | DAYS |                    |               |            |        |              |               |            |                     |               |            |
| 1 Navajo (377)<br>02-001-20001* | 31   | 307                | 0             | 99<br>118  | 1<br>2 | 861          | 0             | 651        | 1,098,475           | 32,831        | 120,043    |
| 3X Navajo (386)<br>02-001-20011 | 31   | 331                | 0             | 394<br>474 | 1<br>2 | 830          | 14            | 2,377      | 1,874,313           | 264,008       | 601,862    |
| 4 Navajo (384)<br>02-001-20009  | 31   | 2,744              | 11,617        | 14<br>17   | 1<br>2 | 7,387        | 32,376        | 82         | 3,375,728           | 1,797,397     | 101,062    |
| 6 Navajo (390)<br>02-001-20014  | 30   | 238                | 0             | 14<br>16   | 1<br>2 | 678          | 0             | 88         | 273,088             | 12,448        | 84,431     |
| 9 Navajo (396)<br>02-001-20020  |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 1,656,074           | 554,845       | 259,211    |
| 11 Navajo (506)<br>02-001-20106 | 31   | 391                | 0             | 434        | 2      | 1,260        | 0             | 1,260      | 929,038             | 81,446        | 609,237    |
| 14 Navajo (416)<br>02-001-20040 | 28   | 109                | 0             | 51<br>61   | 1<br>2 | 278          | 0             | 343        | 304,473             | 21,041        | 144,205    |
| 15 Navajo (417)<br>02-001-20041 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 114,809             | 15,449        | 37,903     |
| 16 Navajo (419)<br>02-001-20043 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 96,442              | 34,583        | 16,680     |
| 17 Navajo (618)<br>02-001-20190 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 55,565              | 8,931         | 41,056     |
| 19 Navajo (691)<br>02-001-20240 | 30   | 472                | 0             | 540        | 2      | 1,758        | 0             | 1,602      | 299,061             | 11,443        | 220,726    |
| 20 Navajo (696)<br>02-001-20245 | 30   | 263                | 0             | 14<br>16   | 1<br>2 | 745          | 0             | 87         | 176,051             | 4,074         | 79,304     |

See Page 4 for Legend.

Page 2. March, 1990

DINEH BI KEYAH (Cont'd)

| Kerr McGee Corp.                   | DAYS | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF | DISP   | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF |
|------------------------------------|------|-------------|---------------|------------|--------|-------------|---------------|------------|-------------|---------------|------------|
| 21 Navajo (693)<br>02-001-20242    | 31   | 552         | 0             | 42<br>51   | 1<br>2 | 1,389       | 0             | 258        | 49,013      | 26,816        | 25,608     |
| 22 Navajo (692)<br>02-001-20241    | 31   | 176         | 0             | 56<br>68   | 1<br>2 | 514         | 0             | 355        | 43,507      | 4,153         | 28,248     |
| 24 Navajo (695)<br>02-001-20244    |      | 0           | 0             | 0          |        | 0           | 0             | 0          | 97,509      | 364,648       | 49,699     |
| 25 Navajo (719)<br>02-001-20249    | 30   | 238         | 0             | 136<br>164 | 1<br>2 | 693         | 0             | 878        | 60,739      | 3,842         | 47,662     |
| 26 Navajo (720)<br>02-001-20250    |      | 0           | 0             | 0          |        | 0           | 0             | 0          | 8,010       | 3,847         | 10,751     |
| 27 Navajo (721)<br>02-001-20251    | 26   | 291         | 0             | 71<br>85   | 1<br>2 | 916         | 0             | 503        | 71,849      | 665           | 45,721     |
| IX Navajo-B (445)<br>02-001--20068 | 30   | 721         | 2             | 109<br>131 | 1<br>2 | 1,896       | 2             | 702        | 1,816,327   | 49,243        | 208,042    |
| 1 Navajo-C (484)<br>02-001-20092   |      | 0           | 0             | 0          |        | 0           | 0             | 0          | 6,168       | 2,092         | 1,174      |
| 2 Navajo-88 (431)<br>02-001-20055  | 25   | 507         | 204           | 79<br>96   | 1<br>2 | 1,528       | 678           | 546        | 803,820     | 267,111       | 130,153    |
| 3 Navajo-88 (443)<br>02-001-20066  |      | 0           | 0             | 0          |        | 0           | 0             | 0          | 177,217     | 58,629        | 182,629    |
| 6 Navajo-88 (722)<br>02-001-20252  | 31   | 51          | 0             | 14<br>17   | 1<br>2 | 110         | 0             | 84         | 41,047      | 728           | 259,842    |
| 1 Navajo-138 (388)<br>02-001-20012 | 31   | 534         | 52            | 479<br>575 | 1<br>2 | 1,566       | 107           | 3,047      | 1,087,355   | 63,493        | 589,813    |
| 3 Navajo-138 (723)<br>02-001-20253 | 31   | 176         | 0             | 197<br>237 | 1<br>2 | 561         | 0             | 1,243      | 85,037      | 5,147         | 81,552     |
| Operator & Field Total             |      | 8,101       | 11,875        | 4,869      |        | 22,970      | 33,177        | 14,106     | 14,600,715  | 3,688,910     | 3,976,614  |
| Total of Wells Not Now Producing   |      |             |               |            |        |             |               |            | 2,801,661   | 1,096,273     | 436,809    |
| TOTAL                              |      |             |               |            |        |             |               |            | 17,402,376  | 4,785,183     | 4,413,423  |

Page 3. March, 1990

| Page 3. March, 1990               |    | MONTHLY PRODUCTION |             |               |            | YEAR TO DATE |             |               | ALL TIME CUMULATIVE |             |               |            |
|-----------------------------------|----|--------------------|-------------|---------------|------------|--------------|-------------|---------------|---------------------|-------------|---------------|------------|
| DRY MESA (MISSISSIPPIAN)          |    | DAYS               | OIL<br>BBLS | WATER<br>BBLS | GAS<br>MCF | DISP         | OIL<br>BBLS | WATER<br>BBLS | GAS<br>MCF          | OIL<br>BBLS | WATER<br>BBLS | GAS<br>MCF |
| Dry Mesa Corporation              |    |                    |             |               |            |              |             |               |                     |             |               |            |
| 1 Navajo-138 (77)                 |    |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 239,961     | 1,077,818     | 27,499     |
| *None                             |    |                    |             |               |            |              |             |               |                     |             |               |            |
| 2 Navajo-138 (106)                |    |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 7,566       | 65,124        | 83,825     |
| *None                             |    |                    |             |               |            |              |             |               |                     |             |               |            |
| 3 Navajo-138 (115)                | 25 |                    | 482         | 2,174         | 0          |              | 1,341       | 5,809         | 0                   | 455,493     | 411,939       | 46,519     |
| *None                             |    |                    |             |               |            |              |             |               |                     |             |               |            |
| 6 Navajo-138 (852)                | 17 |                    | 1,440       | 6,682         | 0          |              | 5,031       | 20,782        | 0                   | 59,438      | 156,323       | 3,549      |
| 02-001-20283                      |    |                    |             |               |            |              |             |               |                     |             |               |            |
| Operator & Field Total            |    |                    | 1,922       | 8,856         | 0          |              | 6,372       | 26,591        | 0                   | 762,458     | 1,711,204     | 161,392    |
| TEEC NOS POS (ISMAY/DESERT CREEK) |    |                    |             |               |            |              |             |               |                     |             |               |            |
| Dry Mesa Corporation              |    |                    |             |               |            |              |             |               |                     |             |               |            |
| 1 Navajo-O (232)                  |    |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 197,012     | 15,891        | 1,105,920  |
| *None                             |    |                    |             |               |            |              |             |               |                     |             |               |            |
| 3 Navajo-O (640)                  |    |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 141,691     | 27,035        | 149,840    |
| 02-001-20207                      |    |                    |             |               |            |              |             |               |                     |             |               |            |
| 4 Navajo-O (663)                  |    |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 105,064     | 128,402       | 82,735     |
| 02-001-20219                      |    |                    |             |               |            |              |             |               |                     |             |               |            |
| 5 Navajo-O (678)                  |    |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 29,212      | 35,218        | 72,305     |
| 02-001-20228                      |    |                    |             |               |            |              |             |               |                     |             |               |            |
| Operator Total                    |    |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 472,979     | 206,546       | 1,410,800  |
| Mountain States Resources         |    |                    |             |               |            |              |             |               |                     |             |               |            |
| 12 Navajo-O (801)                 |    |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 7,895       | 45,933        | 1,920      |
| 02-001-20258                      |    |                    |             |               |            |              |             |               |                     |             |               |            |
| 16 Navajo (834)                   |    |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 57          | 1,175         | 0          |
| 02-001-20278                      |    |                    |             |               |            |              |             |               |                     |             |               |            |
| Field Total                       |    |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 480,931     | 253,654       | 1,412,720  |
| Total of Wells Not Now Producing  |    |                    |             |               |            |              |             |               |                     | 5,398       | 110,276       | 17,699     |
| TOTAL                             |    |                    |             |               |            |              |             |               |                     | 486,329     | 363,930       | 1,430,419  |

| Merrion Oil & Gas                                | DAYS | MONTHLY PRODUCTION |               |            |      | OIL<br>BBLs | YEAR TO DATE  |            | OIL<br>BBLs | ALL TIME CUMULATIVE |               | GAS<br>MCF |
|--------------------------------------------------|------|--------------------|---------------|------------|------|-------------|---------------|------------|-------------|---------------------|---------------|------------|
|                                                  |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP |             | WATER<br>BBLs | GAS<br>MCF |             | OIL<br>BBLs         | WATER<br>BBLs |            |
| 1 Navajo (28)                                    |      |                    |               | 85         | 2    |             |               |            |             |                     |               |            |
| * None                                           | 17   | 202                | 6,840         | 138        | 3    | 676         | 20,283        | 660        | 131,739     | 594,927             | 1,926,105     |            |
|                                                  |      |                    |               | 24         | 2    |             |               |            |             |                     |               |            |
| 2 Navajo (22)                                    | 12   | 50                 | 99            | 1,239      | 3    | 202         | 228           | 3,135      | 15,336      | 7,873               | 1,746,589     |            |
| * None                                           |      |                    |               |            |      |             |               |            |             |                     |               |            |
| Operator and Field Total                         |      | 252                | 6,939         | 1,486      |      | 878         | 20,511        | 3,795      | 147,075     | 602,800             | 3,672,694     |            |
| Total of Wells Not Now<br>Producing              |      |                    |               |            |      |             |               |            | 716,200     | 4,293,512           | 5,908,668     |            |
| TOTAL                                            |      |                    |               |            |      |             |               |            | 863,275     | 4,896,312           | 9,581,362     |            |
| BLACK ROCK (ISMAY/AKAH)<br>Chuska Energy Company |      |                    |               |            |      |             |               |            |             |                     |               |            |
|                                                  |      |                    |               | 766        | 2    |             |               |            |             |                     |               |            |
| 1 Black Rock (559)                               | 31   | 150                | 0             | 64,264     | 3    | 313         | 0             | 214,663    | 806         | 68                  | 570,150       |            |
| 02-001-20145                                     |      |                    |               | 651        | 2    |             |               |            |             |                     |               |            |
| 2 Black Rock (615)                               | 31   | 161                | 13,783        | 54,624     | 3    | 452         | 39,041        | 157,964    | 2,382       | 156,047             | 1,016,461     |            |
| 02-001-20188                                     |      |                    |               | 498        | 2    |             |               |            |             |                     |               |            |
| 3 Black Rock (581)                               | 31   | 427                | 0             | 41,771     | 3    | 621         | 255           | 83,345     | 1,137       | 615                 | 175,616       |            |
| 02-001-20162                                     |      |                    |               | 1,302      | 2    |             |               |            |             |                     |               |            |
| 5 Black Rock (868)                               | 31   | 288                | 0             | 109,249    | 3    | 288         | 0             | 110,551    | 288         | 0                   | 110,551       |            |
| 02-001-20287                                     |      |                    |               | 613        | 2    |             |               |            |             |                     |               |            |
| 8 Black Rock (871)                               | 31   | 127                | 0             | 51,411     | 3    | 127         | 0             | 52,024     | 127         | 0                   | 52,024        |            |
| 02-001-20290                                     |      |                    |               |            |      |             |               |            |             |                     |               |            |
| Operator and Field Total                         |      | 1,153              | 13,783        | 325,149    |      | 1,801       | 39,296        | 618,547    | 4,740       | 156,730             | 1,924,802     |            |
| WELLS NOT NOW PRODUCING                          |      |                    |               |            |      |             |               |            | 132,494     | 234,293             | 3,545,511     |            |
| GRAND TOTALS                                     |      | 11,428             | 41,453        | 331,504    |      | 32,021      | 119,575       | 636,448    | 19,651,672  | 12,147,652          | 21,056,909    |            |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

Gas Distribution Symbols in this Report:

- 1 - Flared/Vented
- 2 - Used on Lease
- 3 - Sold
- 4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses

- \* - API Well Number
- ! - Estimated

50500-1-P

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
APRIL, 1990

| APACHE COUNTY<br>DINEH BI KEYAH<br>(HERMOSA) |      | MONTHLY PRODUCTION |               |            |        | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|----------------------------------------------|------|--------------------|---------------|------------|--------|--------------|---------------|------------|---------------------|---------------|------------|
| Kerr-McGee Corp.                             | DAYS | OIL<br>BBLS        | WATER<br>BBLS | GAS<br>MCF | DISP   | OIL<br>BBLS  | WATER<br>BBLS | GAS<br>MCF | OIL<br>BBLS         | WATER<br>BBLS | GAS<br>MCF |
| 1 Navajo (377)<br>02-001-20001*              | 30   | 294                | 0             | 121<br>89  | 1<br>2 | 1,155        | 0             | 861        | 1,098,769           | 32,831        | 120,253    |
| 3X Navajo (386)<br>02-001-20011              | 30   | 414                | 0             | 485<br>355 | 1<br>2 | 1,244        | 14            | 3,217      | 1,874,727           | 264,008       | 602,702    |
| 4 Navajo (384)<br>02-001-20009               | 26   | 2,269              | 10,855        | 15<br>11   | 1<br>2 | 9,656        | 43,231        | 108        | 3,377,997           | 1,808,252     | 101,088    |
| 6 Navajo (390)<br>02-001-20014               | 30   | 260                | 0             | 17<br>13   | 1<br>2 | 938          | 0             | 118        | 273,348             | 12,448        | 84,461     |
| 9 Navajo (396)<br>02-001-20020               |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 1,656,074           | 554,845       | 259,211    |
| 11 Navajo (506)<br>02-001-20106              | 30   | 307                | 0             | 420        | 2      | 1,567        | 0             | 1,680      | 929,345             | 81,446        | 609,657    |
| 14 Navajo (416)<br>02-001-20040              | 30   | 130                | 0             | 69<br>51   | 1<br>2 | 408          | 0             | 463        | 304,603             | 21,041        | 144,325    |
| 15 Navajo (417)<br>02-001-20041              |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 114,809             | 15,449        | 37,903     |
| 16 Navajo (419)<br>02-001-20043              |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 96,442              | 34,583        | 16,680     |
| 17 Navajo (618)<br>02-001-20190              |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 55,565              | 8,931         | 41,056     |
| 19 Navajo (691)<br>02-001-20240              | 27   | 431                | 0             | 486        | 2      | 2,189        | 0             | 2,088      | 299,492             | 11,443        | 221,212    |
| 20 Navajo (696)<br>02-001-20245              | 30   | 270                | 0             | 17<br>13   | 1<br>2 | 1,015        | 0             | 117        | 176,321             | 4,074         | 79,334     |

See Page 4 for Legend.

Page 2. April, 1990

DINEH BI KEYAH (Cont'd)

| Kerr McGee Corp.                   | DAYS | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF    DISP |        | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF |
|------------------------------------|------|-------------|---------------|--------------------|--------|-------------|---------------|------------|-------------|---------------|------------|
| 21 Navajo (693)<br>02-001-20242    | 30   | 404         | 0             | 52<br>38           | 1<br>2 | 1,793       | 0             | 348        | 49,417      | 26,816        | 25,698     |
| 22 Navajo (692)<br>02-001-20241    | 30   | 155         | 0             | 69<br>51           | 1<br>2 | 669         | 0             | 475        | 43,662      | 4,153         | 28,368     |
| 24 Navajo (695)<br>02-001-20244    |      | 0           | 0             | 0                  |        | 0           | 0             | 0          | 97,509      | 364,648       | 49,699     |
| 25 Navajo (719)<br>02-001-20249    | 30   | 260         | 0             | 173<br>127         | 1<br>2 | 953         | 0             | 1,178      | 60,999      | 3,842         | 47,962     |
| 26 Navajo (720)<br>02-001-20250    |      | 0           | 0             | 0                  |        | 0           | 0             | 0          | 8,010       | 3,847         | 10,751     |
| 27 Navajo (721)<br>02-001-20251    | 30   | 260         | 0             | 104<br>76          | 1<br>2 | 1,176       | 0             | 683        | 72,109      | 665           | 45,901     |
| IX Navajo-B (445)<br>02-001--20068 | 30   | 852         | 1             | 139<br>101         | 1<br>2 | 2,748       | 3             | 942        | 1,817,179   | 49,244        | 208,282    |
| 1 Navajo-C (484)<br>02-001-20092   | 28   | 36          | 0             | 16<br>12           | 1<br>2 | 36          | 0             | 28         | 6,204       | 2,092         | 1,202      |
| 2 Navajo-88 (431)<br>02-001-20055  | 30   | 633         | 244           | 121<br>89          | 1<br>2 | 2,161       | 922           | 756        | 804,453     | 267,355       | 130,363    |
| 3 Navajo-88 (443)<br>02-001-20066  |      | 0           | 0             | 0                  |        | 0           | 0             | 0          | 177,217     | 58,629        | 182,629    |
| 6 Navajo-88 (722)<br>02-001-20252  | 30   | 53          | 0             | 17<br>13           | 1<br>2 | 163         | 0             | 114        | 41,100      | 728           | 259,872    |
| 1 Navajo-138 (388)<br>02-001-20012 | 30   | 566         | 28            | 592<br>428         | 1<br>2 | 2,132       | 135           | 4,067      | 1,087,921   | 63,521        | 590,833    |
| 3 Navajo-138 (723)<br>02-001-20253 | 30   | 240         | 0             | 243<br>177         | 1<br>2 | 801         | 0             | 1,663      | 85,277      | 5,147         | 81,972     |
| Operator & Field Total             |      | 7,834       | 11,128        | 4,800              |        | 30,804      | 44,305        | 18,906     | 14,608,549  | 3,700,038     | 3,981,414  |
| Total of Wells Not Now Producing   |      |             |               |                    |        |             |               |            | 2,801,661   | 1,096,273     | 436,809    |
| TOTAL                              |      |             |               |                    |        |             |               |            | 17,410,210  | 4,796,311     | 4,418,223  |

Page 3. April, 1990

|                                   |      | MONTHLY PRODUCTION |        |     |      | YEAR TO DATE |        |     | ALL TIME CUMULATIVE |           |           |
|-----------------------------------|------|--------------------|--------|-----|------|--------------|--------|-----|---------------------|-----------|-----------|
| DRY MESA (MISSISSIPPIAN)          |      | OIL                | WATER  | GAS |      | OIL          | WATER  | GAS | OIL                 | WATER     | GAS       |
|                                   | DAYS | BBLS               | BBLS   | MCF | DISP | BBLS         | BBLS   | MCF | BBLS                | BBLS      | MCF       |
| Dry Mesa Corporation              |      |                    |        |     |      |              |        |     |                     |           |           |
| 1 Navajo-138 (77)                 |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 239,961             | 1,077,818 | 27,499    |
| *None                             |      |                    |        |     |      |              |        |     |                     |           |           |
| 2 Navajo-138 (106)                |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 7,566               | 65,124    | 83,825    |
| *None                             |      |                    |        |     |      |              |        |     |                     |           |           |
| 3 Navajo-138 (115)                | 30   | 576                | 2,720  | 0   |      | 1,917        | 8,529  | 0   | 456,069             | 414,659   | 46,519    |
| *None                             |      |                    |        |     |      |              |        |     |                     |           |           |
| 6 Navajo-138 (852)                | 28   | 1,979              | 9,320  | 0   |      | 7,010        | 30,102 | 0   | 61,417              | 165,643   | 3,549     |
| 02-001-20283                      |      |                    |        |     |      |              |        |     |                     |           |           |
| Operator & Field Total            |      | 2,555              | 12,040 | 0   |      | 8,927        | 38,631 | 0   | 765,013             | 1,723,244 | 161,392   |
| TEEC NOS POS (ISMAY/DESERT CREEK) |      |                    |        |     |      |              |        |     |                     |           |           |
| Dry Mesa Corporation              |      |                    |        |     |      |              |        |     |                     |           |           |
| 1 Navajo-O (232)                  | 6    | 0                  | 281    | 0   |      | 0            | 281    | 0   | 197,012             | 16,172    | 1,105,920 |
| *None                             |      |                    |        |     |      |              |        |     |                     |           |           |
| 3 Navajo-O (640)                  |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 141,691             | 27,035    | 149,840   |
| 02-001-20207                      |      |                    |        |     |      |              |        |     |                     |           |           |
| 4 Navajo-O (663)                  |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 105,064             | 128,402   | 82,735    |
| 02-001-20219                      |      |                    |        |     |      |              |        |     |                     |           |           |
| 5 Navajo-O (678)                  |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 29,212              | 35,218    | 72,305    |
| 02-001-20228                      |      |                    |        |     |      |              |        |     |                     |           |           |
| Operator Total                    |      | 0                  | 281    | 0   |      | 0            | 281    | 0   | 472,979             | 206,827   | 1,410,800 |
| Mountain States Resources         |      |                    |        |     |      |              |        |     |                     |           |           |
| 12 Navajo-O (801)                 |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 7,895               | 45,933    | 1,920     |
| 02-001-20258                      |      |                    |        |     |      |              |        |     |                     |           |           |
| 16 Navajo (834)                   |      | 0                  | 0      | 0   |      | 0            | 0      | 0   | 57                  | 1,175     | 0         |
| 02-001-20278                      |      |                    |        |     |      |              |        |     |                     |           |           |
| Field Total                       |      | 0                  | 281    | 0   |      | 0            | 281    | 0   | 480,931             | 253,935   | 1,412,720 |
| Total of Wells Not Now Producing  |      |                    |        |     |      |              |        |     | 5,398               | 110,276   | 17,699    |
| TOTAL                             |      |                    |        |     |      |              |        |     | 486,329             | 364,211   | 1,430,419 |

| Merrion Oil & Gas                                | DAYS | MONTHLY PRODUCTION |               |                  |        | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|--------------------------------------------------|------|--------------------|---------------|------------------|--------|--------------|---------------|------------|---------------------|---------------|------------|
|                                                  |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF       | DISP   | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (28)<br>* None                          | 15   | 134                | 3,670         | 75               | 2      | 810          | 23,953        | 735        | 131,873             | 598,597       | 1,926,180  |
| 2 Navajo (22)<br>* None                          | 15   | 30                 | 0             | 30               | 2      | 232          | 228           | 3,165      | 15,366              | 7,873         | 1,746,619  |
| Operator and Field Total                         |      | 164                | 3,670         | 105              |        | 1,042        | 24,181        | 3,900      | 147,239             | 606,470       | 3,672,799  |
| Total of Wells Not Now<br>Producing              |      |                    |               |                  |        |              |               |            | 716,200             | 4,293,512     | 5,908,668  |
| TOTAL                                            |      |                    |               |                  |        |              |               |            | 863,439             | 4,899,982     | 9,581,467  |
| BLACK ROCK (ISMAY/AKAH)<br>Chuska Energy Company |      |                    |               |                  |        |              |               |            |                     |               |            |
| 1 Black Rock (559)<br>02-001-20145               | 30   | 0                  | 0             | 766<br>27,057    | 2<br>3 | 313          | 0             | 242,486    | 806                 | 68            | 597,973    |
| 2 Black Rock (615)<br>02-001-20188               | 30   | 189                | 13,106        | 651<br>105,222   | 2<br>3 | 641          | 52,147        | 263,837    | 2,571               | 169,153       | 1,122,334  |
| 3 Black Rock (581)<br>02-001-20162               | 30   | 66                 | 0             | 498<br>18,038    | 2<br>3 | 687          | 255           | 101,881    | 1,203               | 615           | 194,152    |
| 5 Black Rock (868)<br>02-001-20287               | 30   | 588                | 0             | 1,302<br>123,260 | 2<br>3 | 876          | 0             | 235,113    | 876                 | 0             | 235,113    |
| 8 Black Rock (871)<br>02-001-20290               | 30   | 127                | 0             | 613<br>27,057    | 2<br>3 | 254          | 0             | 79,694     | 254                 | 0             | 79,694     |
| Operator and Field Total                         |      | 970                | 13,106        | 304,464          |        | 2,771        | 52,402        | 923,011    | 5,710               | 169,836       | 2,229,266  |
| WELLS NOT NOW PRODUCING                          |      |                    |               |                  |        |              |               |            | 132,494             | 234,293       | 3,545,511  |
| GRAND TOTALS                                     |      | 11,523             | 40,225        | 309,369          |        | 43,544       | 159,800       | 945,817    | 19,663,195          | 12,187,877    | 21,366,278 |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

Gas Distribution Symbols in this Report:

- 1 - Flared/Vented  
2 - Used on Lease  
3 - Sold  
4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses

- \* - API Well Number  
! - Estimated

S 0500-1-P

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
MAY, 1990

APACHE COUNTY  
DINEH BI KEYAH  
(HERMOSA)  
Kerr-McGee Corp.

|                                 | DAYS | MONTHLY PRODUCTION |               |            |        | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|---------------------------------|------|--------------------|---------------|------------|--------|--------------|---------------|------------|---------------------|---------------|------------|
|                                 |      | OIL<br>BBLS        | WATER<br>BBLS | GAS<br>MCF | DISP   | OIL<br>BBLS  | WATER<br>BBLS | GAS<br>MCF | OIL<br>BBLS         | WATER<br>BBLS | GAS<br>MCF |
| 1 Navajo (377)<br>02-001-20001* | 26   | 206                | 30            | 92<br>90   | 1<br>2 | 1,361        | 30            | 1,043      | 1,098,975           | 32,861        | 120,435    |
| 3X Navajo (386)<br>02-001-20011 | 29   | 422                | 0             | 409<br>403 | 1<br>2 | 1,666        | 14            | 4,029      | 1,875,149           | 264,008       | 603,514    |
| 4 Navajo (384)<br>02-001-20009  | 23   | 2,447              | 9,435         | 12<br>11   | 1<br>2 | 12,103       | 52,666        | 131        | 3,380,444           | 1,817,687     | 101,111    |
| 6 Navajo (390)<br>02-001-20014  | 28   | 161                | 0             | 14<br>14   | 1<br>2 | 1,099        | 0             | 146        | 273,509             | 12,448        | 84,489     |
| 9 Navajo (396)<br>02-001-20020  |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 1,656,074           | 554,845       | 259,211    |
| 11 Navajo (506)<br>02-001-20106 | 27   | 248                | 0             | 378        | 2      | 1,815        | 0             | 2,058      | 929,593             | 81,446        | 610,035    |
| 14 Navajo (416)<br>02-001-20040 | 28   | 109                | 0             | 56<br>56   | 1<br>2 | 517          | 0             | 575        | 304,712             | 21,041        | 144,437    |
| 15 Navajo (417)<br>02-001-20041 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 114,809             | 15,449        | 37,903     |
| 16 Navajo (419)<br>02-001-20043 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 96,442              | 34,583        | 16,680     |
| 17 Navajo (618)<br>02-001-20190 |      | 0                  | 0             | 0          |        | 0            | 0             | 0          | 55,565              | 8,931         | 41,056     |
| 19 Navajo (691)<br>02-001-20240 | 27   | 426                | 0             | 486        | 2      | 2,615        | 0             | 2,574      | 299,918             | 11,443        | 221,698    |
| 20 Navajo (696)<br>02-001-20245 | 26   | 181                | 0             | 13<br>13   | 1<br>2 | 1,196        | 0             | 143        | 176,502             | 4,074         | 79,360     |

See Page 4 for Legend.

Page 2. May, 1990

DINEH BI KEYAH (Cont'd)

| Kerr McGee Corp.                 |    | <u>DAYS</u> | <u>OIL</u><br><u>BBLs</u> | <u>WATER</u><br><u>BBLs</u> | <u>GAS</u><br><u>MCF</u> <u>DISP</u> |  | <u>OIL</u><br><u>BBLs</u> | <u>WATER</u><br><u>BBLs</u> | <u>GAS</u><br><u>MCF</u> | <u>OIL</u><br><u>BBLs</u> | <u>WATER</u><br><u>BBLs</u> | <u>GAS</u><br><u>MCF</u> |
|----------------------------------|----|-------------|---------------------------|-----------------------------|--------------------------------------|--|---------------------------|-----------------------------|--------------------------|---------------------------|-----------------------------|--------------------------|
| 21 Navajo (693)                  | 29 | 255         | 0                         | 44                          | 1                                    |  | 2,048                     | 0                           | 435                      | 49,672                    | 26,816                      | 25,785                   |
| 02-001-20242                     |    |             |                           | 43                          | 2                                    |  |                           |                             |                          |                           |                             |                          |
| 22 Navajo (692)                  | 29 | 118         | 0                         | 58                          | 1                                    |  | 787                       | 0                           | 591                      | 43,780                    | 4,153                       | 28,484                   |
| 02-001-20241                     |    |             |                           | 58                          | 2                                    |  |                           |                             |                          |                           |                             |                          |
| 24 Navajo (695)                  |    | 0           | 0                         | 0                           |                                      |  | 0                         | 0                           | 0                        | 97,509                    | 364,648                     | 49,699                   |
| 02-001-20244                     |    |             |                           |                             |                                      |  |                           |                             |                          |                           |                             |                          |
| 25 Navajo (719)                  | 24 | 178         | 0                         | 121                         | 1                                    |  | 1,131                     | 0                           | 1,418                    | 61,177                    | 3,842                       | 48,202                   |
| 02-001-20249                     |    |             |                           | 119                         | 2                                    |  |                           |                             |                          |                           |                             |                          |
| 26 Navajo (720)                  |    | 0           | 0                         | 0                           |                                      |  | 0                         | 0                           | 0                        | 8,010                     | 3,847                       | 10,751                   |
| 02-001-20250                     |    |             |                           |                             |                                      |  |                           |                             |                          |                           |                             |                          |
| 27 Navajo (721)                  | 28 | 245         | 0                         | 85                          | 1                                    |  | 1,421                     | 0                           | 851                      | 72,354                    | 665                         | 46,069                   |
| 02-001-20251                     |    |             |                           | 83                          | 2                                    |  |                           |                             |                          |                           |                             |                          |
| IX Navajo-B (445)                | 27 | 701         | 0                         | 109                         | 1                                    |  | 3,449                     | 3                           | 1,158                    | 1,817,880                 | 49,244                      | 208,498                  |
| 02-001--20068                    |    |             |                           | 107                         | 2                                    |  |                           |                             |                          |                           |                             |                          |
| 1 Navajo-C (484)                 | 27 | 44          | 0                         | 14                          | 1                                    |  | 80                        | 0                           | 55                       | 6,248                     | 2,092                       | 1,229                    |
| 02-001-20092                     |    |             |                           | 13                          | 2                                    |  |                           |                             |                          |                           |                             |                          |
| 2 Navajo-88 (431)                | 29 | 508         | 181                       | 102                         | 1                                    |  | 2,669                     | 1,103                       | 959                      | 804,961                   | 267,536                     | 130,566                  |
| 02-001-20055                     |    |             |                           | 101                         | 2                                    |  |                           |                             |                          |                           |                             |                          |
| 3 Navajo-88 (443)                |    | 0           | 0                         | 0                           |                                      |  | 0                         | 0                           | 0                        | 177,217                   | 58,629                      | 182,629                  |
| 02-001-20066                     |    |             |                           |                             |                                      |  |                           |                             |                          |                           |                             |                          |
| 6 Navajo-88 (722)                | 29 | 50          | 0                         | 15                          | 1                                    |  | 213                       | 0                           | 143                      | 41,150                    | 728                         | 259,901                  |
| 02-001-20252                     |    |             |                           | 14                          | 2                                    |  |                           |                             |                          |                           |                             |                          |
| 1 Navajo-138 (388)               | 27 | 484         | 0                         | 460                         | 1                                    |  | 2,616                     | 135                         | 4,985                    | 1,088,405                 | 63,521                      | 591,751                  |
| 02-001-20012                     |    |             |                           | 458                         | 2                                    |  |                           |                             |                          |                           |                             |                          |
| 3 Navajo-138 (723)               | 27 | 272         | 0                         | 190                         | 1                                    |  | 1,073                     | 0                           | 2,041                    | 85,549                    | 5,147                       | 82,350                   |
| 02-001-20253                     |    |             |                           | 188                         | 2                                    |  |                           |                             |                          |                           |                             |                          |
| Operator & Field Total           |    |             | 7,055                     | 9,646                       | 4,429                                |  | 37,859                    | 53,951                      | 23,335                   | 14,615,604                | 3,709,684                   | 3,985,843                |
| Total of Wells Not Now Producing |    |             |                           |                             |                                      |  |                           |                             |                          | <u>2,801,661</u>          | <u>1,096,273</u>            | <u>436,809</u>           |
| TOTAL                            |    |             |                           |                             |                                      |  |                           |                             |                          | 17,417,265                | 4,805,957                   | 4,422,652                |

| Page 3. May, 1990                 |   | MONTHLY PRODUCTION |             |               |            | YEAR TO DATE |             |               | ALL TIME CUMULATIVE |                |                  |               |
|-----------------------------------|---|--------------------|-------------|---------------|------------|--------------|-------------|---------------|---------------------|----------------|------------------|---------------|
| DRY MESA (MISSISSIPPIAN)          |   | DAYS               | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF | DISP         | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF          | OIL<br>BBLs    | WATER<br>BBLs    | GAS<br>MCF    |
| Dry Mesa Corporation              |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| 2 Navajo-138 (106)                |   |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 7,566          | 65,124           | 83,825        |
| *None                             |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| 3 Navajo-138 (115)                | 7 |                    | 218         | 1,080         | 0          |              | 2,135       | 9,609         | 0                   | 456,287        | 415,739          | 46,519        |
| *None                             |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| 6 Navajo-138 (852)                | 9 |                    | 656         | 3,090         | 0          |              | 7,666       | 33,192        | 0                   | 62,073         | 168,733          | 3,549         |
| 02-001-20283                      |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| Operator & Field Total            |   |                    | 874         | 4,170         | 0          |              | 9,801       | 42,801        | 0                   | 525,926        | 649,596          | 133,893       |
| Total of Wells Not Now Producing  |   |                    |             |               |            |              |             |               |                     | <u>239,961</u> | <u>1,077,818</u> | <u>27,499</u> |
| TOTAL                             |   |                    |             |               |            |              |             |               |                     | 765,887        | 1,727,414        | 161,392       |
| TEEC NOS POS (ISMAY/DESERT CREEK) |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| Dry Mesa Corporation              |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| 1 Navajo-D (232)                  |   |                    | 0           | 0             | 0          |              | 0           | 281           | 0                   | 197,012        | 16,172           | 1,105,920     |
| *None                             |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| 3 Navajo-D (640)                  |   |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 141,691        | 27,035           | 149,840       |
| 02-001-20207                      |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| 4 Navajo-D (663)                  |   |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 105,064        | 128,402          | 82,735        |
| 02-001-20219                      |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| 5 Navajo-D (678)                  |   |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 29,212         | 35,218           | 72,305        |
| 02-001-20228                      |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| Operator Total                    |   |                    | 0           | 0             | 0          |              | 0           | 281           | 0                   | 472,979        | 206,827          | 1,410,800     |
| Mountain States Resources         |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| 12 Navajo-D (801)                 |   |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 7,895          | 45,933           | 1,920         |
| 02-001-20258                      |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| 16 Navajo (834)                   |   |                    | 0           | 0             | 0          |              | 0           | 0             | 0                   | 57             | 1,175            | 0             |
| 02-001-20278                      |   |                    |             |               |            |              |             |               |                     |                |                  |               |
| Field Total                       |   |                    | 0           | 0             | 0          |              | 0           | 281           | 0                   | 480,931        | 253,935          | 1,412,720     |
| Total of Wells Not Now Producing  |   |                    |             |               |            |              |             |               |                     | <u>5,398</u>   | <u>110,276</u>   | <u>17,699</u> |
| TOTAL                             |   |                    |             |               |            |              |             |               |                     | 486,329        | 364,211          | 1,430,419     |

Page 4. May, 1990  
EAST BOUNDARY BUTTE (PARADOX)

| Merrion Oil & Gas                                   | DAYS | MONTHLY PRODUCTION |               |            |      | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|-----------------------------------------------------|------|--------------------|---------------|------------|------|--------------|---------------|------------|---------------------|---------------|------------|
|                                                     |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF | DISP | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (28)                                       |      |                    |               | 150        | 2    |              |               |            |                     |               |            |
| * None                                              | 30   | 188                | 7,312         | 135        | 3    | 998          | 31,265        | 1,020      | 132,061             | 605,909       | 1,926,465  |
|                                                     |      |                    |               | 48         | 2    |              |               |            |                     |               |            |
| 2 Navajo (22)                                       | 24   | 117                | 108           | 1,212      | 3    | 349          | 336           | 4,425      | 15,483              | 7,981         | 1,747,879  |
| * None                                              |      |                    |               |            |      |              |               |            |                     |               |            |
| Operator and Field Total                            |      | 305                | 7,420         | 1,545      |      | 1,347        | 31,601        | 5,445      | 147,544             | 613,890       | 3,674,344  |
| Total of Wells Not Now<br>Producing                 |      |                    |               |            |      |              |               |            | 716,200             | 4,293,512     | 5,908,668  |
| TOTAL                                               |      |                    |               |            |      |              |               |            | 863,744             | 4,907,402     | 9,583,012  |
| BLACK ROCK (ISMAY/AKAH)<br>Chuska Energy Company ** |      |                    |               |            |      |              |               |            |                     |               |            |
| 1 Black Rock (559)                                  | 31   | 0                  | 0             | 21,626     | 3    | 313          | 0             | 264,112    | 806                 | 68            | 619,599    |
| 02-001-20145                                        |      |                    |               |            |      |              |               |            |                     |               |            |
| 2 Black Rock (615)                                  | 31   | 182                | 12,624        | 84,101     | 3    | 823          | 64,771        | 347,938    | 2,753               | 181,777       | 1,206,435  |
| 02-001-20188                                        |      |                    |               |            |      |              |               |            |                     |               |            |
| 3 Black Rock (581)                                  | 31   | 115                | 0             | 14,417     | 3    | 802          | 255           | 116,298    | 1,318               | 615           | 208,569    |
| 02-001-20162                                        |      |                    |               |            |      |              |               |            |                     |               |            |
| 5 Black Rock (868)                                  | 31   | 538                | 0             | 98,518     | 3    | 1,414        | 0             | 333,631    | 1,414               | 0             | 333,631    |
| 02-001-20287                                        |      |                    |               |            |      |              |               |            |                     |               |            |
| 8 Black Rock (871)                                  | 31   | 124                | 0             | 21,626     | 3    | 378          | 0             | 101,320    | 378                 | 0             | 101,320    |
| 02-001-20290                                        |      |                    |               |            |      |              |               |            |                     |               |            |
| Operator and Field Total                            |      | 959                | 12,624        | 240,288    |      | 3,730        | 65,026        | 1,163,299  | 6,669               | 182,460       | 2,469,554  |
| WELLS NOT NOW PRODUCING                             |      |                    |               |            |      |              |               |            | 132,494             | 234,293       | 3,545,511  |
| GRAND TOTALS                                        |      | 9,193              | 33,860        | 246,262    |      | 52,737       | 193,660       | 1,192,079  | 19,672,388          | 12,221,737    | 21,612,540 |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

Gas Distribution Symbols in this Report:

- 1 - Flared/Vented
- 2 - Used on Lease
- 3 - Sold
- 4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses

- \* - API Well Number
- \*\* - Allocation between wells estimated

S 0500 -1-P

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
JUNE, 1990

APACHE COUNTY

| DINEH-BI-KEYAH (HERMOSA)<br>Kerr-McGee Corp. | DAYS | MONTHLY PRODUCTION |               |                 |  | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|----------------------------------------------|------|--------------------|---------------|-----------------|--|--------------|---------------|------------|---------------------|---------------|------------|
|                                              |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF-DISP |  | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (377)<br>02-001-20001*              | 29   | 240                | 6             | 88 U<br>115 V   |  | 1,601        | 36            | 1,246      | 1,099,215           | 32,867        | 120,638    |
| 3X Navajo (386)<br>02-001-20011              | 30   | 316                | 0             | 363 U<br>477 V  |  | 1,982        | 14            | 4,869      | 1,875,465           | 264,008       | 604,354    |
| 4 Navajo (384)<br>02-001-20009               | 30   | 3,408              | 12,379        | 13 U<br>17 V    |  | 15,511       | 65,045        | 161        | 3,383,852           | 1,830,066     | 101,141    |
| 6 Navajo (390)<br>02-001-20014               | 21   | 116                | 0             | 9 U<br>12 V     |  | 1,215        | 0             | 167        | 273,625             | 12,448        | 84,510     |
| 9 Navajo (396)<br>02-001-20020               |      | 0                  | 0             | 0               |  | 0            | 0             | 0          | 1,656,074           | 554,845       | 259,211    |
| 11 Navajo (506)<br>02-001-20106              | 27   | 310                | 0             | 406 U           |  | 2,125        | 0             | 2,464      | 929,903             | 81,446        | 610,441    |
| 14 Navajo (416)<br>02-001-20040              | 29   | 71                 | 0             | 50 U<br>66 V    |  | 588          | 0             | 691        | 304,783             | 21,041        | 144,553    |
| 15 Navajo (417)<br>02-001-20041              |      | 0                  | 0             | 0               |  | 0            | 0             | 0          | 114,809             | 15,449        | 37,903     |
| 16 Navajo (419)<br>02-001-20043              |      | 0                  | 0             | 0               |  | 0            | 0             | 0          | 96,442              | 34,583        | 16,680     |
| 17 Navajo (618)<br>02-001-20190              |      | 0                  | 0             | 0               |  | 0            | 0             | 0          | 55,565              | 8,931         | 41,056     |
| 19 Navajo (691)<br>02-001-20240              | 28   | 679                | 0             | 504 U           |  | 3,294        | 0             | 3,078      | 300,597             | 11,443        | 222,202    |
| 20 Navajo (696)<br>02-001-20245              | 27   | 181                | 0             | 12 U<br>15 V    |  | 1,377        | 0             | 170        | 176,683             | 4,074         | 79,387     |

See Page 4 for Legend.

| Page 2. June, 1990     |      | MONTHLY PRODUCTION |               |                 |  |             | YEAR TO DATE  |            |             | ALL TIME CUMULATIVE |            |  |
|------------------------|------|--------------------|---------------|-----------------|--|-------------|---------------|------------|-------------|---------------------|------------|--|
| DINEH-BI-KEYAH(Cont'd) | DAYS | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF-DISP |  | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs | WATER<br>BBLs       | GAS<br>MCF |  |
| Kerr McGee Corp.       |      |                    |               |                 |  |             |               |            |             |                     |            |  |
| 21 Navajo (693)        | 30   | 250                | 0             | 39 U            |  | 2,298       | 0             | 525        | 49,922      | 26,816              | 25,875     |  |
| 02-001-20242           |      |                    |               | 51 V            |  |             |               |            |             |                     |            |  |
| 22 Navajo (692)        | 30   | 110                | 0             | 52 U            |  | 897         | 0             | 711        | 43,890      | 4,153               | 28,604     |  |
| 02-001-20241           |      |                    |               | 68 V            |  |             |               |            |             |                     |            |  |
| 24 Navajo (695)        |      | 0                  | 0             | 0               |  | 0           | 0             | 0          | 97,509      | 364,648             | 49,699     |  |
| 02-001-20244           |      |                    |               |                 |  |             |               |            |             |                     |            |  |
| 25 Navajo (719)        | 29   | 158                | 0             | 125 U           |  | 1,289       | 0             | 1,708      | 61,335      | 3,842               | 48,492     |  |
| 02-001-20249           |      |                    |               | 165 V           |  |             |               |            |             |                     |            |  |
| 26 Navajo (720)        |      | 0                  | 0             | 0               |  | 0           | 0             | 0          | 8,010       | 3,847               | 10,751     |  |
| 02-001-20250           |      |                    |               |                 |  |             |               |            |             |                     |            |  |
| 27 Navajo (721)        | 29   | 316                | 0             | 75 U            |  | 1,737       | 0             | 1,025      | 72,670      | 665                 | 46,243     |  |
| 02-001-20251           |      |                    |               | 99 V            |  |             |               |            |             |                     |            |  |
| 1X Navajo-B (445)      | 29   | 642                | 0             | 100 U           |  | 4,091       | 3             | 1,390      | 1,818,522   | 49,244              | 208,730    |  |
| 02-001--20068          |      |                    |               | 132 V           |  |             |               |            |             |                     |            |  |
| 1 Navajo-C (484)       | 30   | 31                 | 0             | 13 U            |  | 111         | 0             | 85         | 6,279       | 2,092               | 1,259      |  |
| 02-001-20092           |      |                    |               | 17 V            |  |             |               |            |             |                     |            |  |
| 2 Navajo-88 (431)      | 30   | 501                | 196           | 91 U            |  | 3,170       | 1,299         | 1,169      | 805,462     | 267,732             | 130,776    |  |
| 02-001-20055           |      |                    |               | 119 V           |  |             |               |            |             |                     |            |  |
| 3 Navajo-88 (443)      |      | 0                  | 0             | 0               |  | 0           | 0             | 0          | 177,217     | 58,629              | 182,629    |  |
| 02-001-20066           |      |                    |               |                 |  |             |               |            |             |                     |            |  |
| 6 Navajo-88 (722)      | 30   | 50                 | 0             | 13 U            |  | 263         | 0             | 173        | 41,200      | 728                 | 259,931    |  |
| 02-001-20252           |      |                    |               | 17 V            |  |             |               |            |             |                     |            |  |
| 1 Navajo-138 (388)     | 30   | 488                | 0             | 440 U           |  | 3,104       | 135           | 6,005      | 1,088,893   | 63,521              | 592,771    |  |
| 02-001-20012           |      |                    |               | 580 V           |  |             |               |            |             |                     |            |  |
| 3 Navajo-138 (723)     | 26   | 257                | 0             | 157 U           |  | 1,330       | 0             | 2,405      | 85,806      | 5,147               | 82,714     |  |
| 02-001-20253           |      |                    |               | 207 V           |  |             |               |            |             |                     |            |  |
| Operator & Field Total |      | 8,124              | 12,581        | 4,707           |  | 45,983      | 66,532        | 28,042     | 14,623,728  | 3,722,265           | 3,990,550  |  |
| Abandoned Producers    |      |                    |               |                 |  |             |               |            | 2,801,661   | 1,096,273           | 436,809    |  |
| TOTAL                  |      |                    |               |                 |  |             |               |            | 17,425,389  | 4,818,538           | 4,427,359  |  |

Page 3. June, 1990

MONTHLY PRODUCTIONYEAR TO DATEALL TIME CUMULATIVE

| DRY MESA (MISSISSIPPIAN) | DAYS | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF-DISP | OIL<br>BBLs | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs    | WATER<br>BBLs    | GAS<br>MCF    |
|--------------------------|------|-------------|---------------|-----------------|-------------|---------------|------------|----------------|------------------|---------------|
| Dry Mesa Corporation     |      |             |               |                 |             |               |            |                |                  |               |
| 2 Navajo-138 (106)       |      |             | 0             | 0 U             | 0           | 0             | 0          | 7,566          | 65,124           | 83,825        |
| *None                    |      |             |               |                 |             |               |            |                |                  |               |
| 3 Navajo-138 (115)       | 21   | 749         | 3,695         | 0               | 2,884       | 13,304        | 0          | 457,036        | 419,434          | 46,519        |
| *None                    |      |             |               |                 |             |               |            |                |                  |               |
| 6 Navajo-138 (852)       | 24   | 1,779       | 7,980         | 0               | 9,445       | 41,172        | 0          | 63,852         | 176,713          | 3,549         |
| 02-001-20283             |      |             |               |                 |             |               |            |                |                  |               |
| Operator & Field Total   |      | 2,528       | 11,675        | 0               | 12,329      | 54,476        | 0          | 528,454        | 661,271          | 133,893       |
| Abandoned Producers      |      |             |               |                 |             |               |            | <u>239,961</u> | <u>1,077,818</u> | <u>27,499</u> |
| TOTAL                    |      |             |               |                 |             |               |            | 768,415        | 1,739,089        | 161,392       |

## TEEC NOS POS (ISMAY/DESERT CREEK)

|                           |  |   |   |   |   |     |   |              |                |               |
|---------------------------|--|---|---|---|---|-----|---|--------------|----------------|---------------|
| Dry Mesa Corporation      |  |   |   |   |   |     |   |              |                |               |
| 1 Navajo-O (232)          |  | 0 | 0 | 0 | 0 | 281 | 0 | 197,012      | 16,172         | 1,105,920     |
| *None                     |  |   |   |   |   |     |   |              |                |               |
| 3 Navajo-O (640)          |  | 0 | 0 | 0 | 0 | 0   | 0 | 141,691      | 27,035         | 149,840       |
| 02-001-20207              |  |   |   |   |   |     |   |              |                |               |
| 4 Navajo-O (663)          |  | 0 | 0 | 0 | 0 | 0   | 0 | 105,064      | 128,402        | 82,735        |
| 02-001-20219              |  |   |   |   |   |     |   |              |                |               |
| 5 Navajo-O (678)          |  | 0 | 0 | 0 | 0 | 0   | 0 | 29,212       | 35,218         | 72,305        |
| 02-001-20228              |  |   |   |   |   |     |   |              |                |               |
| Operator Total            |  | 0 | 0 | 0 | 0 | 281 | 0 | 472,979      | 206,827        | 1,410,800     |
| Mountain States Resources |  |   |   |   |   |     |   |              |                |               |
| 12 Navajo-O (801)         |  | 0 | 0 | 0 | 0 | 0   | 0 | 7,895        | 45,933         | 1,920         |
| 02-001-20258              |  |   |   |   |   |     |   |              |                |               |
| 16 Navajo (834)           |  | 0 | 0 | 0 | 0 | 0   | 0 | 57           | 1,175          | 0             |
| 02-001-20278              |  |   |   |   |   |     |   |              |                |               |
| Field Total               |  | 0 | 0 | 0 | 0 | 281 | 0 | 480,931      | 253,935        | 1,412,720     |
| Abandoned Producers       |  |   |   |   |   |     |   | <u>5,398</u> | <u>110,276</u> | <u>17,699</u> |
| TOTAL                     |  |   |   |   |   |     |   | 486,329      | 364,211        | 1,430,419     |

| EAST BOUNDARY BUTTE (PARADOX) |      | MONTHLY PRODUCTION |               |                 |  | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|-------------------------------|------|--------------------|---------------|-----------------|--|--------------|---------------|------------|---------------------|---------------|------------|
| Merrion Oil & Gas             | DAYS | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF-DISP |  | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (28)                 |      |                    |               |                 |  |              |               |            |                     |               |            |
| * None                        | 8    | 116                | 2,666         | 129 S           |  | 1,114        | 33,931        | 1,189      | 132,177             | 608,575       | 1,926,634  |
|                               |      |                    |               | 40 U            |  |              |               |            |                     |               |            |
| 2 Navajo (22)                 | 21   | 57                 | 77            | 1,162 S         |  | 406          | 413           | 5,629      | 15,540              | 8,058         | 1,749,083  |
| * None                        |      |                    |               | 42 U            |  |              |               |            |                     |               |            |
| Operator and Field Total      |      | 173                | 2,743         | 1,373           |  | 1,520        | 34,344        | 6,818      | 147,717             | 616,633       | 3,675,717  |
| Abandoned Producers           |      |                    |               |                 |  |              |               |            | 716,200             | 4,293,512     | 5,908,668  |
| TOTAL                         |      |                    |               |                 |  |              |               |            | 863,917             | 4,910,145     | 9,584,385  |
|                               |      |                    |               |                 |  |              |               |            |                     |               |            |
| BLACK ROCK (ISMAY/AKAH)       |      |                    |               |                 |  |              |               |            |                     |               |            |
| Chuska Energy Company **      |      |                    |               |                 |  |              |               |            |                     |               |            |
| 1 Black Rock (559)            | 30   | 0                  | 0             | 17,630 S        |  | 313          | 0             | 282,087    | 806                 | 68            | 637,574    |
| 02-001-20145                  |      |                    |               | 345 U           |  |              |               |            |                     |               |            |
| 2 Black Rock (615)            | 30   | 185                | 10,736        | 68,560 S        |  | 1,009        | 75,507        | 417,838    | 2,938               | 192,513       | 1,276,335  |
| 02-001-20188                  |      |                    |               | 1,340 U         |  |              |               |            |                     |               |            |
| 3 Black Rock (581)            | 30   | 117                | 0             | 11,753 S        |  | 919          | 255           | 128,281    | 1,435               | 615           | 220,552    |
| 02-001-20162                  |      |                    |               | 230 U           |  |              |               |            |                     |               |            |
| 5 Black Rock (868)            | 30   | 546                | 0             | 80,314 S        |  | 1,960        | 0             | 415,515    | 1,960               | 0             | 415,515    |
| 02-001-20287                  |      |                    |               | 1,570 U         |  |              |               |            |                     |               |            |
| 8 Black Rock (871)            | 30   | 127                | 0             | 17,630 S        |  | 505          | 0             | 119,295    | 505                 | 0             | 119,295    |
| 02-001-20290                  |      |                    |               | 345 U           |  |              |               |            |                     |               |            |
| Operator and Field Total      |      | 975                | 10,736        | 199,717         |  | 4,705        | 75,762        | 1,363,016  | 7,644               | 193,196       | 2,669,271  |
| OTHER ABANDONED PRODUCERS     |      |                    |               |                 |  |              |               |            | 132,494             | 234,293       | 3,545,511  |
| GRAND TOTALS                  |      | 11,800             | 37,735        | 205,797         |  | 64,537       | 231,395       | 1,397,876  | 19,684,188          | 12,259,472    | 21,818,337 |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

Gas Disposition Symbols in this Report:

V - Flared/Vented  
U - Used on Lease

S - Sold

L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses

\* - API Well Number

\*\* - Allocation between wells estimated by operator

S 0500-1

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
JULY, 1990

APACHE COUNTY

| DINEH-BI-KEYAH (HERMOSA)<br>Kerr-McGee Corp. | DAYS | MONTHLY PRODUCTION |               |  | GAS<br>MCF-DISP | YEAR TO DATE |               |  | GAS<br>MCF | ALL TIME CUMULATIVE |               |            |
|----------------------------------------------|------|--------------------|---------------|--|-----------------|--------------|---------------|--|------------|---------------------|---------------|------------|
|                                              |      | OIL<br>BBLs        | WATER<br>BBLs |  |                 | OIL<br>BBLs  | WATER<br>BBLs |  |            | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (377)<br>02-001-20001*              | 29   | 237                | 0             |  | 94 U<br>109 V   | 1,838        | 36            |  | 1,449      | 1,099,452           | 32,867        | 120,841    |
| 3X Navajo (386)<br>02-001-20011              | 27   | 429                | 0             |  | 351 U<br>405 V  | 2,411        | 14            |  | 5,625      | 1,875,894           | 264,008       | 605,110    |
| 4 Navajo (384)<br>02-001-20009               | 30   | 3,159              | 11,231        |  | 14 U<br>16 V    | 18,670       | 76,276        |  | 191        | 3,387,011           | 1,841,297     | 101,171    |
| 6 Navajo (390)<br>02-001-20014               | 26   | 163                | 0             |  | 12 U<br>14 V    | 1,378        | 0             |  | 193        | 273,788             | 12,448        | 84,536     |
| 9 Navajo (396)<br>02-001-20020               |      | 0                  | 0             |  | 0               | 0            | 0             |  | 0          | 1,656,074           | 554,845       | 259,211    |
| 11 Navajo (506)<br>02-001-20106              | 30   | 333                | 0             |  | 420 U           | 2,458        | 0             |  | 2,884      | 930,236             | 81,446        | 610,861    |
| 14 Navajo (416)<br>02-001-20040              | 28   | 69                 | 0             |  | 52 U<br>60 V    | 657          | 0             |  | 803        | 304,852             | 21,041        | 144,665    |
| 15 Navajo (417)<br>02-001-20041              |      | 0                  | 0             |  | 0               | 0            | 0             |  | 0          | 114,809             | 15,449        | 37,903     |
| 16 Navajo (419)<br>02-001-20043              |      | 0                  | 0             |  | 0               | 0            | 0             |  | 0          | 96,442              | 34,583        | 16,680     |
| 17 Navajo (618)<br>02-001-20190              |      | 0                  | 0             |  | 0               | 0            | 0             |  | 0          | 55,565              | 8,931         | 41,056     |
| 19 Navajo (691)<br>02-001-20240              | 31   | 595                | 0             |  | 558 U           | 3,889        | 0             |  | 3,636      | 301,192             | 11,443        | 222,760    |
| 20 Navajo (696)<br>02-001-20245              | 28   | 226                | 0             |  | 13 U<br>15 V    | 1,603        | 0             |  | 198        | 176,909             | 4,074         | 79,415     |

Legend on page 4.

Page 2. July, 1990

| DINEH-BI-KEYAH(Cont'd) | Kerr McGee Corp. | DAYS | MONTHLY PRODUCTION |               |                 | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|------------------------|------------------|------|--------------------|---------------|-----------------|--------------|---------------|------------|---------------------|---------------|------------|
|                        |                  |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF-DISP | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 21 Navajo (693)        |                  | 31   | 227                | 0             | 43 U            | 2,525        | 0             | 618        | 50,149              | 26,816        | 25,968     |
| 02-001-20242           |                  |      |                    |               | 50 V            |              |               |            |                     |               |            |
| 22 Navajo (692)        |                  | 31   | 104                | 0             | 58 U            | 1,001        | 0             | 835        | 43,994              | 4,153         | 28,728     |
| 02-001-20241           |                  |      |                    |               | 66 V            |              |               |            |                     |               |            |
| 24 Navajo (695)        |                  |      | 0                  | 0             | 0               | 0            | 0             | 0          | 97,509              | 364,648       | 49,699     |
| 02-001-20244           |                  |      |                    |               |                 |              |               |            |                     |               |            |
| 25 Navajo (719)        |                  | 31   | 120                | 0             | 144 U           | 1,409        | 0             | 2,018      | 61,455              | 3,842         | 48,802     |
| 02-001-20249           |                  |      |                    |               | 166 V           |              |               |            |                     |               |            |
| 26 Navajo (720)        |                  |      | 0                  | 0             | 0               | 0            | 0             | 0          | 8,010               | 3,847         | 10,751     |
| 02-001-20250           |                  |      |                    |               |                 |              |               |            |                     |               |            |
| 27 Navajo (721)        |                  | 31   | 296                | 0             | 86 U            | 2,033        | 0             | 1,211      | 72,966              | 665           | 46,429     |
| 02-001-20251           |                  |      |                    |               | 100 V           |              |               |            |                     |               |            |
| 1X Navajo-B (445)      |                  | 29   | 740                | 0             | 108 U           | 4,831        | 3             | 1,622      | 1,819,262           | 49,244        | 208,962    |
| 02-001--20068          |                  |      |                    |               | 124 V           |              |               |            |                     |               |            |
| 1 Navajo-C (484)       |                  | 31   | 29                 | 0             | 14 U            | 140          | 0             | 116        | 6,308               | 2,092         | 1,290      |
| 02-001-20092           |                  |      |                    |               | 17 V            |              |               |            |                     |               |            |
| 2 Navajo-88 (431)      |                  | 30   | 500                | 605           | 97 U            | 3,670        | 1,904         | 1,379      | 805,962             | 268,337       | 130,986    |
| 02-001-20055           |                  |      |                    |               | 113 V           |              |               |            |                     |               |            |
| 3 Navajo-88 (443)      |                  |      | 0                  | 0             | 0               | 0            | 0             | 0          | 177,217             | 58,629        | 182,629    |
| 02-001-20066           |                  |      |                    |               |                 |              |               |            |                     |               |            |
| 6 Navajo-88 (722)      |                  | 30   | 49                 | 0             | 14 U            | 312          | 0             | 203        | 41,249              | 728           | 259,961    |
| 02-001-20252           |                  |      |                    |               | 16 V            |              |               |            |                     |               |            |
| 1 Navajo-138 (388)     |                  | 23   | 412                | 0             | 362 U           | 3,516        | 135           | 6,787      | 1,089,305           | 63,521        | 593,553    |
| 02-001-20012           |                  |      |                    |               | 420 V           |              |               |            |                     |               |            |
| 3 Navajo-138 (723)     |                  | 30   | 319                | 0             | 195 U           | 1,649        | 0             | 2,825      | 86,125              | 5,147         | 83,134     |
| 02-001-20253           |                  |      |                    |               | 225 V           |              |               |            |                     |               |            |
| Operator & Field Total |                  |      | 8,007              | 11,836        | 4,551           | 53,990       | 78,368        | 32,593     | 14,631,735          | 3,734,101     | 3,995,101  |
| Abandoned Producers    |                  |      |                    |               |                 |              |               |            | 2,801,661           | 1,096,273     | 436,809    |
| TOTAL                  |                  |      |                    |               |                 |              |               |            | 17,433,396          | 4,830,374     | 4,431,910  |

Page 3. July, 1990

|                                   |      | MONTHLY PRODUCTION |               |                 | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |                  |               |
|-----------------------------------|------|--------------------|---------------|-----------------|--------------|---------------|------------|---------------------|------------------|---------------|
| DRY MESA (MISSISSIPPIAN)          | DAYS | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF-DISP | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs    | GAS<br>MCF    |
| Dry Mesa Corporation              |      |                    |               |                 |              |               |            |                     |                  |               |
| 2 Navajo-138 (106)                |      | 0                  | 0             | 0 U             | 0            | 0             | 0          | 7,566               | 65,124           | 83,825        |
| *None                             |      |                    |               |                 |              |               |            |                     |                  |               |
| 3 Navajo-138 (115)                | 26   | 945                | 4,665         | 0               | 3,829        | 17,969        | 0          | 457,981             | 424,099          | 46,519        |
| *None                             |      |                    |               |                 |              |               |            |                     |                  |               |
| 6 Navajo-138 (852)                | 22   | 1,445              | 6,496         | 0               | 10,890       | 47,668        | 0          | 65,297              | 183,209          | 3,549         |
| 02-001-20283                      |      |                    |               |                 |              |               |            |                     |                  |               |
| Operator & Field Total            |      | 2,390              | 11,161        | 0               | 14,719       | 65,637        | 0          | 530,844             | 672,432          | 133,893       |
| Abandoned Producers               |      |                    |               |                 |              |               |            | <u>239,961</u>      | <u>1,077,818</u> | <u>27,499</u> |
| TOTAL                             |      |                    |               |                 |              |               |            | 770,805             | 1,750,250        | 161,392       |
| TEEC NOS POS (ISMAY/DESERT CREEK) |      |                    |               |                 |              |               |            |                     |                  |               |
| Dry Mesa Corporation              |      |                    |               |                 |              |               |            |                     |                  |               |
| 1 Navajo-O (232)                  |      | 0                  | 0             | 0               | 0            | 281           | 0          | 197,012             | 16,172           | 1,105,920     |
| *None                             |      |                    |               |                 |              |               |            |                     |                  |               |
| 3 Navajo-O (640)                  |      | 0                  | 0             | 0               | 0            | 0             | 0          | 141,691             | 27,035           | 149,840       |
| 02-001-20207                      |      |                    |               |                 |              |               |            |                     |                  |               |
| 4 Navajo-O (663)                  |      | 0                  | 0             | 0               | 0            | 0             | 0          | 105,064             | 128,402          | 82,735        |
| 02-001-20219                      |      |                    |               |                 |              |               |            |                     |                  |               |
| 5 Navajo-O (678)                  |      | 0                  | 0             | 0               | 0            | 0             | 0          | 29,212              | 35,218           | 72,305        |
| 02-001-20228                      |      |                    |               |                 |              |               |            |                     |                  |               |
| Operator Total                    |      | 0                  | 0             | 0               | 0            | 281           | 0          | 472,979             | 206,827          | 1,410,800     |
| Mountain States Resources         |      |                    |               |                 |              |               |            |                     |                  |               |
| 12 Navajo-O (801)                 |      | 0                  | 0             | 0               | 0            | 0             | 0          | 7,895               | 45,933           | 1,920         |
| 02-001-20258                      |      |                    |               |                 |              |               |            |                     |                  |               |
| 16 Navajo (834)                   |      | 0                  | 0             | 0               | 0            | 0             | 0          | 57                  | 1,175            | 0             |
| 02-001-20278                      |      |                    |               |                 |              |               |            |                     |                  |               |
| Field Total                       |      | 0                  | 0             | 0               | 0            | 281           | 0          | 480,931             | 253,935          | 1,412,720     |
| Abandoned Producers               |      |                    |               |                 |              |               |            | <u>5,398</u>        | <u>110,276</u>   | <u>17,699</u> |
| TOTAL                             |      |                    |               |                 |              |               |            | 486,329             | 364,211          | 1,430,419     |

| EAST BOUNDARY BUTTE (PARADOX) |      | MONTHLY PRODUCTION |               |                 | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|-------------------------------|------|--------------------|---------------|-----------------|--------------|---------------|------------|---------------------|---------------|------------|
| Merrion Oil & Gas             | DAYS | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF-DISP | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (28)                 |      |                    |               |                 |              |               |            |                     |               |            |
| * None                        | 1    | 6                  | 300           | 145 S           | 1,060'       | 34,231        | 1,339      | 132,123'            | 608,875       | 1,926,784  |
|                               |      |                    |               | 5 U             |              |               |            |                     |               |            |
| 2 Navajo (22)                 | 20   | 80                 | 135           | 1,306 S         | 486          | 548           | 6,975      | 15,620              | 8,193         | 1,750,429  |
| * None                        |      |                    |               | 40 U            |              |               |            |                     |               |            |
| Operator and Field Total      |      | 86                 | 435           | 1,496           | 1,546'       | 34,779        | 8,314      | 147,743'            | 617,068       | 3,677,213  |
| Abandoned Producers           |      |                    |               |                 |              |               |            | 716,200             | 4,293,512     | 5,908,668  |
| TOTAL                         |      |                    |               |                 |              |               |            | 863,943'            | 4,910,580     | 9,585,881  |
| BLACK ROCK (ISMAY/AKAH)       |      |                    |               |                 |              |               |            |                     |               |            |
| Chuska Energy Company **      |      |                    |               |                 |              |               |            |                     |               |            |
| 1 Black Rock (559)            | 30   | 0                  | 0             | 14,443 S        | 313          | 0             | 296,874    | 806                 | 68            | 652,361    |
| 02-001-20145                  |      |                    |               | 344 U           |              |               |            |                     |               |            |
| 2 Black Rock (615)            | 30   | 95                 | 10,980        | 56,166 S        | 1,104        | 86,487        | 475,341    | 3,033               | 203,493       | 1,333,838  |
| 02-001-20188                  |      |                    |               | 1,337 U         |              |               |            |                     |               |            |
| 3 Black Rock (581)            | 30   | 60                 | 0             | 9,629 S         | 979          | 255           | 138,139    | 1,495               | 615           | 230,410    |
| 02-001-20162                  |      |                    |               | 229 U           |              |               |            |                     |               |            |
| 5 Black Rock (868)            | 30   | 280                | 0             | 65,795 S        | 2,240        | 0             | 482,876    | 2,240               | 0             | 482,876    |
| 02-001-20287                  |      |                    |               | 1,566 U         |              |               |            |                     |               |            |
| 8 Black Rock (871)            | 30   | 65                 | 0             | 14,443 S        | 570          | 0             | 134,082    | 570                 | 0             | 134,082    |
| 02-001-20290                  |      |                    |               | 344 U           |              |               |            |                     |               |            |
| Operator and Field Total      |      | 500                | 10,980        | 164,296         | 5,206'       | 86,742        | 1,527,312  | 8,144               | 204,176       | 2,833,567  |
| OTHER ABANDONED PRODUCERS     |      |                    |               |                 |              |               |            | 132,494             | 234,293       | 3,545,511  |
| GRAND TOTALS                  |      | 10,983             | 34,412        | 170,343         | 75,461'      | 265,807       | 1,568,219  | 19,695,111'         | 12,293,884    | 21,988,680 |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

Gas Disposition Symbols in this Report:

V - Flared/Vented      S - Sold  
U - Used on Lease      L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses

\* - API Well Number  
\*\* - Allocation between wells estimated by operator  
' - Includes June revisions

50500-1

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
OIL, GAS & HELIUM PRODUCTION  
AUGUST, 1990

APACHE COUNTY

| DINEH-BI-KEYAH (HERMOSA)<br>Kerr-McGee Corp. | DAYS | MONTHLY PRODUCTION |               |                 |  | YEAR TO DATE |               |            |  | ALL TIME CUMULATIVE |               |            |
|----------------------------------------------|------|--------------------|---------------|-----------------|--|--------------|---------------|------------|--|---------------------|---------------|------------|
|                                              |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF-DISP |  | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF |  | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (377)<br>02-001-20001*              | 31   | 280                | 0             | 92 U<br>125 V   |  | 2,118        | 36            | 1,666      |  | 1,099,732           | 32,867        | 121,058    |
| 3X Navajo (386)<br>02-001-20011              | 31   | 532                | 0             | 367 U<br>501 V  |  | 2,943        | 14            | 6,493      |  | 1,876,426           | 264,008       | 605,978    |
| 4 Navajo (384)<br>02-001-20009               | 30   | 2,842              | 11,691        | 13 U<br>17 V    |  | 21,512       | 87,967        | 221        |  | 3,389,853           | 1,852,988     | 101,201    |
| 6 Navajo (390)<br>02-001-20014               | 31   | 208                | 0             | 13 U<br>18 V    |  | 1,586        | 0             | 224        |  | 273,996             | 12,448        | 84,567     |
| 9 Navajo (396)<br>02-001-20020               |      | 0                  | 0             | 0               |  | 0            | 0             | 0          |  | 1,656,074           | 554,845       | 259,211    |
| 11 Navajo (506)<br>02-001-20106              | 31   | 308                | 0             | 434 U           |  | 2,766        | 0             | 3,318      |  | 930,544             | 81,446        | 611,295    |
| 14 Navajo (416)<br>02-001-20040              | 31   | 71                 | 0             | 52 U<br>72 V    |  | 728          | 0             | 927        |  | 304,923             | 21,041        | 144,789    |
| 15 Navajo (417)<br>02-001-20041              |      | 0                  | 0             | 0               |  | 0            | 0             | 0          |  | 114,809             | 15,449        | 37,903     |
| 16 Navajo (419)<br>02-001-20043              |      | 0                  | 0             | 0               |  | 0            | 0             | 0          |  | 96,442              | 34,583        | 16,680     |
| 17 Navajo (618)<br>02-001-20190              |      | 0                  | 0             | 0               |  | 0            | 0             | 0          |  | 55,565              | 8,931         | 41,056     |
| 19 Navajo (691)<br>02-001-20240              | 28   | 724                | 0             | 504 U           |  | 4,613        | 0             | 4,140      |  | 301,916             | 11,443        | 223,264    |
| 20 Navajo (696)<br>02-001-20245              | 31   | 194                | 0             | 13 U<br>18 V    |  | 1,797        | 0             | 229        |  | 177,103             | 4,074         | 79,446     |

Legend on page 4.

Page 2. August, 1990

| DINEH-BI-KEYAH(Cont'd) | DAYS | MONTHLY PRODUCTION |               |                 |  | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|------------------------|------|--------------------|---------------|-----------------|--|--------------|---------------|------------|---------------------|---------------|------------|
|                        |      | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF-DISP |  | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| Kerr McGee Corp.       |      |                    |               |                 |  |              |               |            |                     |               |            |
| 21 Navajo (693)        | 31   | 140                | 0             | 39 U            |  | 2,665        | 0             | 711        | 50,289              | 26,816        | 26,061     |
| 02-001-20242           |      |                    |               | 54 V            |  |              |               |            |                     |               |            |
| 22 Navajo (692)        | 30   | 278                | 0             | 51 U            |  | 1,279        | 0             | 955        | 44,272              | 4,153         | 28,848     |
| 02-001-20241           |      |                    |               | 69 V            |  |              |               |            |                     |               |            |
| 24 Navajo (695)        |      | 0                  | 0             | 0               |  | 0            | 0             | 0          | 97,509              | 364,648       | 49,699     |
| 02-001-20244           |      |                    |               |                 |  |              |               |            |                     |               |            |
| 25 Navajo (719)        | 30   | 125                | 0             | 127 U           |  | 1,534        | 0             | 2,318      | 61,580              | 3,842         | 49,102     |
| 02-001-20249           |      |                    |               | 173 V           |  |              |               |            |                     |               |            |
| 26 Navajo (720)        |      | 0                  | 0             | 0               |  | 0            | 0             | 0          | 8,010               | 3,847         | 10,751     |
| 02-001-20250           |      |                    |               |                 |  |              |               |            |                     |               |            |
| 27 Navajo (721)        | 31   | 374                | 0             | 79 U            |  | 2,407        | 0             | 1,397      | 73,340              | 665           | 46,615     |
| 02-001-20251           |      |                    |               | 107 V           |  |              |               |            |                     |               |            |
| 1X Navajo-B (445)      | 31   | 784                | 0             | 105 U           |  | 5,615        | 3             | 1,870      | 1,820,046           | 49,244        | 209,210    |
| 02-001--20068          |      |                    |               | 143 V           |  |              |               |            |                     |               |            |
| 1 Navajo-C (484)       | 31   | 27                 | 0             | 13 U            |  | 167          | 0             | 147        | 6,335               | 2,092         | 1,321      |
| 02-001-20092           |      |                    |               | 18 V            |  |              |               |            |                     |               |            |
| 2 Navajo-88 (431)      | 31   | 611                | 197           | 92 U            |  | 4,281        | 2,101         | 1,596      | 806,573             | 268,534       | 131,203    |
| 02-001-20055           |      |                    |               | 125 V           |  |              |               |            |                     |               |            |
| 3 Navajo-88 (443)      |      | 0                  | 0             | 0               |  | 0            | 0             | 0          | 177,217             | 58,629        | 182,629    |
| 02-001-20066           |      |                    |               |                 |  |              |               |            |                     |               |            |
| 6 Navajo-88 (722)      | 31   | 49                 | 0             | 13 U            |  | 361          | 0             | 234        | 41,298              | 728           | 259,992    |
| 02-001-20252           |      |                    |               | 18 V            |  |              |               |            |                     |               |            |
| 1 Navajo-138 (388)     | 31   | 801                | 0             | 445 U           |  | 4,317        | 135           | 7,841      | 1,090,106           | 63,521        | 594,607    |
| 02-001-20012           |      |                    |               | 609 V           |  |              |               |            |                     |               |            |
| 3 Navajo-138 (723)     | 31   | 371                | 0             | 183 U           |  | 2,020        | 0             | 3,259      | 86,496              | 5,147         | 83,568     |
| 02-001-20253           |      |                    |               | 251 V           |  |              |               |            |                     |               |            |
| Operator & Field Total |      | 8,719              | 11,888        | 4,953           |  | 62,709       | 90,256        | 37,546     | 14,640,454          | 3,745,989     | 4,000,054  |
| Abandoned Producers    |      |                    |               |                 |  |              |               |            | 2,801,661           | 1,096,273     | 436,809    |
| TOTAL                  |      |                    |               |                 |  |              |               |            | 17,442,115          | 4,842,262     | 4,436,863  |

Page 3. August, 1990

|                          |             | <u>MONTHLY PRODUCTION</u> |                   |                     | <u>YEAR TO DATE</u> |                   |                | <u>ALL TIME CUMULATIVE</u> |                   |                |
|--------------------------|-------------|---------------------------|-------------------|---------------------|---------------------|-------------------|----------------|----------------------------|-------------------|----------------|
| DRY MESA (MISSISSIPPIAN) | <u>DAYS</u> | <u>OIL BBLs</u>           | <u>WATER BBLs</u> | <u>GAS MCF-DISP</u> | <u>OIL BBLs</u>     | <u>WATER BBLs</u> | <u>GAS MCF</u> | <u>OIL BBLs</u>            | <u>WATER BBLs</u> | <u>GAS MCF</u> |
| Dry Mesa Corporation     |             |                           |                   |                     |                     |                   |                |                            |                   |                |
| 2 Navajo-138 (106)       |             | 0                         | 0                 | 0 U                 | 0                   | 0                 | 0              | 7,566                      | 65,124            | 83,825         |
| *None                    |             |                           |                   |                     |                     |                   |                |                            |                   |                |
| 3 Navajo-138 (115)       | 26          | 791                       | 5,880             | 0                   | 4,620               | 23,849            | 0              | 458,772                    | 429,979           | 46,519         |
| *None                    |             |                           |                   |                     |                     |                   |                |                            |                   |                |
| 6 Navajo-138 (852)       | 26          | 1,518                     | 7,905             | 0                   | 12,408              | 55,573            | 0              | 66,815                     | 191,114           | 3,549          |
| 02-001-20283             |             |                           |                   |                     |                     |                   |                |                            |                   |                |
| Operator & Field Total   |             | 2,309                     | 13,785            | 0                   | 17,028              | 79,422            | 0              | 533,153                    | 686,217           | 133,893        |
| Abandoned Producers      |             |                           |                   |                     |                     |                   |                | 239,961                    | 1,077,818         | 27,499         |
| TOTAL                    |             |                           |                   |                     |                     |                   |                | 773,114                    | 1,764,035         | 161,392        |

TEEC NOS POS (ISMAY/DESERT CREEK)

|                           |  |   |   |   |   |     |   |         |         |           |
|---------------------------|--|---|---|---|---|-----|---|---------|---------|-----------|
| Dry Mesa Corporation      |  |   |   |   |   |     |   |         |         |           |
| 1 Navajo-O (232)          |  | 0 | 0 | 0 | 0 | 281 | 0 | 197,012 | 16,172  | 1,105,920 |
| *None                     |  |   |   |   |   |     |   |         |         |           |
| 3 Navajo-O (640)          |  | 0 | 0 | 0 | 0 | 0   | 0 | 141,691 | 27,035  | 149,840   |
| 02-001-20207              |  |   |   |   |   |     |   |         |         |           |
| 4 Navajo-O (663)          |  | 0 | 0 | 0 | 0 | 0   | 0 | 105,064 | 128,402 | 82,735    |
| 02-001-20219              |  |   |   |   |   |     |   |         |         |           |
| 5 Navajo-O (678)          |  | 0 | 0 | 0 | 0 | 0   | 0 | 29,212  | 35,218  | 72,305    |
| 02-001-20228              |  |   |   |   |   |     |   |         |         |           |
| Operator Total            |  | 0 | 0 | 0 | 0 | 281 | 0 | 472,979 | 206,827 | 1,410,800 |
| Mountain States Resources |  |   |   |   |   |     |   |         |         |           |
| 12 Navajo-O (801)         |  | 0 | 0 | 0 | 0 | 0   | 0 | 7,895   | 45,933  | 1,920     |
| 02-001-20258              |  |   |   |   |   |     |   |         |         |           |
| 16 Navajo (834)           |  | 0 | 0 | 0 | 0 | 0   | 0 | 57      | 1,175   | 0         |
| 02-001-20278              |  |   |   |   |   |     |   |         |         |           |
| Field Total               |  | 0 | 0 | 0 | 0 | 281 | 0 | 480,931 | 253,935 | 1,412,720 |
| Abandoned Producers       |  |   |   |   |   |     |   | 5,398   | 110,276 | 17,699    |
| TOTAL                     |  |   |   |   |   |     |   | 486,329 | 364,211 | 1,430,419 |

| EAST BOUNDARY BUTTE (PARADOX) |      | MONTHLY PRODUCTION |               |                 |  | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|-------------------------------|------|--------------------|---------------|-----------------|--|--------------|---------------|------------|---------------------|---------------|------------|
| Merrion Oil & Gas             | DAYS | OIL<br>BBLs        | WATER<br>BBLs | GAS<br>MCF-DISP |  | OIL<br>BBLs  | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBLs         | WATER<br>BBLs | GAS<br>MCF |
| 1 Navajo (28)                 |      |                    |               |                 |  |              |               |            |                     |               |            |
| * None                        | 2    | 0                  | 638           | 142 S           |  | 1,060        | 34,869        | 1,491      | 132,123             | 609,513       | 1,926,936  |
|                               |      |                    |               | 10 U            |  |              |               |            |                     |               |            |
| 2 Navajo (22)                 | 19   | 71                 | 100           | 1,276 S         |  | 557          | 648           | 8,289      | 15,691              | 8,293         | 1,751,743  |
| * None                        |      |                    |               | 38 U            |  |              |               |            |                     |               |            |
| Operator and Field Total      |      | 71                 | 738           | 1,466           |  | 1,617        | 35,517        | 9,780      | 147,814             | 617,806       | 3,678,679  |
| Abandoned Producers           |      |                    |               |                 |  |              |               |            | 716,200             | 4,293,512     | 5,908,668  |
| TOTAL                         |      |                    |               |                 |  |              |               |            | 864,014             | 4,911,318     | 9,587,347  |
|                               |      |                    |               |                 |  |              |               |            |                     |               |            |
| BLACK ROCK (ISMAY/AKAH)       |      |                    |               |                 |  |              |               |            |                     |               |            |
| Chuska Energy Company **      |      |                    |               |                 |  |              |               |            |                     |               |            |
| 1 Black Rock (559)            | 29   | 0                  | 0             | 12,229 S        |  | 313          | 0             | 309,447    | 806                 | 68            | 664,934    |
| 02-001-20145                  |      |                    |               | 344 U           |  |              |               |            |                     |               |            |
| 2 Black Rock (615)            | 29   | 63                 | 10,305        | 47,557 S        |  | 1,167        | 96,792        | 524,235    | 3,096               | 213,798       | 1,382,732  |
| 02-001-20188                  |      |                    |               | 1,337 U         |  |              |               |            |                     |               |            |
| 3 Black Rock (581)            | 29   | 39                 | 0             | 8,153 S         |  | 1,018        | 255           | 146,521    | 1,534               | 615           | 238,792    |
| 02-001-20162                  |      |                    |               | 229 U           |  |              |               |            |                     |               |            |
| 5 Black Rock (868)            | 29   | 185                | 0             | 55,710 S        |  | 2,425        | 0             | 540,152    | 2,425               | 0             | 540,152    |
| 02-001-20287                  |      |                    |               | 1,566 U         |  |              |               |            |                     |               |            |
| 8 Black Rock (871)            | 29   | 44                 | 0             | 12,229 S        |  | 614          | 0             | 146,655    | 614                 | 0             | 146,655    |
| 02-001-20290                  |      |                    |               | 344 U           |  |              |               |            |                     |               |            |
| Operator and Field Total      |      | 331                | 10,305        | 139,698         |  | 5,537        | 97,047        | 1,667,010  | 8,475               | 214,481       | 2,973,265  |
| OTHER ABANDONED PRODUCERS     |      |                    |               |                 |  |              |               |            | 132,494             | 234,293       | 3,545,511  |
| GRAND TOTALS                  |      | 11,430             | 36,716        | 146,117         |  | 86,891       | 302,523       | 1,714,336  | 19,706,541          | 12,330,600    | 22,134,797 |

Helium: Between 1959 and 1976 cumulative production of Helium was 9,237,739 MCF.

Gas Disposition Symbols in this Report:

V - Flared/Vented      S - Sold  
U - Used on Lease      L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses

\* - API Well Number

\*\* - Allocation between wells estimated by operator